

Knowledge in action

A-C[®] additives

Product catalog



NORDMANN





Mettler drop point °C ASTM D-3954	Hardness dmm needle penetra- tion ASTM D-5	Viscosity mPas Brookfield	Density g/cm³ ASTM D-1505	Acid number mg KOH/kg ASTM D-1386	Delivery form
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Homopolymers

@140 °C

A-C® 3 A	112	2.0	450	0.92	-	Powder
A-C® 6 (A)	106	4.0	375	0.92	-	Prills; Powder
A-C® 8 (A)	113	1.0	450	0.93	-	Prills; Powder
A-C® 9 (A)	115	0.5	450	0.93	-	Prills; Powder
A-C® 16 (A)	102	5.5	525	0.91	-	Prills; Powder
A-C® 617 (A)	101	7.0	180	0.91	-	Prills; Powder
A-C® 1810 A	121	1.0	20	0.95	-	Powder
A-C® 820 A	126	1.0	80	0.96	-	Powder
A-C® 1702	90	98.0 ⁽¹⁾	30	0.88	-	Paste

Oxidized homopolymers PE-LD

@140 °C

A-C® 629 (A)	101	5.5	200	0.93	15	Prills; Powder
A-C® 6702	88	90.0 ⁽¹⁾	35	0.85	15	Paste
A-C® 656	98	9.0	185	0.92	15	Prills
A-C® 673P*	110	<1.0	400	0.95	17	Prills
A-C® 680 (A)	108	1.5	250	0.93	16	Prills; Powder

(1) ASTM D-1321 (2) DSC *On request **Saponification value (A) Powder grade

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Oxidized homopolymers PE-HD

@150 °C

A-C® 307 (A)	140	<0,5	85.000	0.98	7	Prills; Powder
A-C® 316 (A)	140	<0,5	8.500	0.98	16	Prills; Powder
A-C® 325	136	<0,5	4.500	0.99	25	Prills
A-C® 330	137	<0,5	3.600	0.99	30	Prills
A-C® 392	138	<0,5	4.500	0.99	30	Prills

Polypropylene homopolymers

@190 °C

A-C® 1089	146	<0.5	45	0.91	-	Powder
A-C® 1660	150	<0.5	60	0.89	-	Powder
A-C® 1754	167	<0.4	775	0.89	-	Powder

Ethylene vinylacetate copolymers

@140 °C

A-C® 400 (A)	92	9.5	595	0.92	VA content: 13%	Prills; Powder
A-C® 405 S	94	7.0	600	0.92	VA content: 10.5%	Prills
A-C® 405 M	100	5.0	600	0.92	VA content: 8.5%	Prills
A-C® 405 T	102	4.0	600	0.92	VA content: 6%	Prills



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Oxidized ethylene vinyl acetate copolymer

@140 °C

A-C® 645 P*	99	5.0	375	0.94	13SZ/57**	Pastilles
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Ethylene acrylic acid copolymers

@140 °C

A-C® 540 (A)	105	2.0	575	0.93	40	Prills; Powder
A-C® 580	95	4.0	650	0.94	75	Prills
A-C® 5120	92	8.0	600	0.94	120	Prills

Ethylene MSA copolymer

@140 °C

A-C® 573 (A; P)	106	4.5	600	0.92	3-6**	Powder; Pastilles
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Propylene MSA copolymers

@190 °C

A-C® 1325 P	149	<0.5	1600	0.92	12-20**	Pastilles
A-C® 596 P	141	<0.5	150	0.94	40-55**	Pastilles
A-C® 597 P	141	<0.5	350	0.94	75-95**	Pastilles
A-C® 950 P	149	<0.5	2000	0.93	40-55**	Pastilles
A-C® 907 P	152	<0.5	350	0.93	75-95**	Pastilles





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Micronized polyolefin waxes

Ø Particle size

ACumist® A-6	137	<0.5	-	0.99	26-40	6 µm
ACumist® A-12	137	<0.5	-	0.99	26-40	12 µm
ACumist® A18	137	<0.5	-	0.99	26-40	18 µm
ACumist® A-45	137	<0.5	-	0.99	26-40	45 µm
ACumist® 1812	139	<0.5	-	0.99	16-19	9 µm
ACumist® B-6	126	<1.0	-	0.96	-	6 µm
ACumist® B-12	126	<1.0	-	0.96	-	12 µm
ACumist® B-18	126	<1.0	-	0.96	-	18 µm
ACumist® C-3	121	<1.0	-	0.95	-	3 µm
ACumist® C-5	121	<1.0	-	0.95	-	5 µm
ACumist® C-12	121	<1.0	-	0.95	-	12 µm
ACumist® C-18	121	<1.0	-	0.95	-	18 µm
ACumist® D-6	118	<2.0	-	0.95	-	6 µm
ACumist® D-9	118	<2.0	-	0.95	-	9 µm
ACumist® D-12	118	<2.0	-	0.95	-	12 µm

Micronized polypropylene homopolymers

@190 °C

Ø Particle size

ACumist® P-5	145	<0.5	-	0.91	-	5 µm
ACumist® P-10	145	<0.5	-	0.91	-	10 µm

(1) ASTM D-1321 (2) DSC *On request **Saponification value (A) Powder grade



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PTFE modified polyethylene

@190 °C

Ø Particle size

ACumist® 3105 B*	126	<0.5	-	0.98	-	6.0-7.5 µm
ACumist® 3405*	121	<0.5	-	1.1	-	4.5-5.6 µm

AClyn® low molecular weight ionomers

Melting point (2)

Cation

@190 °C

AClyn® 201 (A)*	102	Ca	7000		42	Granules; Powder
AClyn® 285 P*	82	Na	65000		20	Granules
AClyn® 295 (P, A)*	99	Zn	4500		0	Granules; Powder

Functional wax emulsions for the adhesives, plastics and printing ink industry

Solids content

Wax basis

Surfactant

Cohesa® 0001	47%	EAA copolymer	Anionic
Cohesa® 0002	47%	Blend of functional synthetic waxes	Anionic
Cohesa® 3050	40%	EAA copolymer	Surfactant-free
Cohesa® 3055	45%	EAA copolymer	Surfactant-free

Polyethylene based matting agents

	Description	Burnish Resistance	Scrub Resistance	RUB/MAR Resistance	Storage Resistance
NduroMatt™100	Providing superior surface properties when compared to conventional matting agents	+	+	+	+
NduroMatt™200	Where an additional boost in surface properties over Nduro™100 is required	++	++	++	+
NduroMatt™300	Where a polar matting agent for ease of dispersion, and superior surface properties when compared to conventional matting agents are required	+	+	+	+

- + Better than conventional matting agents
- ++ Significantly better than conventional matting agents





Nordmann Portfolio

Agrochemicals

Adhesives & Sealants

Ceramics

Cleaning

Coatings & Inks

Composites

Construction

Elastomers

Electronics

Fine Chemicals

Flame Retardants

Food & Feed

Foundry

Health Care

Industrial Chemicals

Monomers

Oil, Gas & Lubricants

Oleochemicals

Polyurethane

Optical

Paper

Personal Care

Plastics

Textiles & Leather

All the information and application knowledge presented here is based on practical experience and research. However, it is non-binding information. We therefore strongly recommend that you carry out your own tests before using our products. This applies in particular to our formulations, which only represent a starting point for individual developments and for which we can provide no guarantee.

The user alone is responsible for testing in the respective countries concerned and with regard to possible conflicting industrial property rights of third parties (e.g. patents). In this respect, we assume no liability for formulations or partial recipes. Our products are sold according to our General Conditions of Sale.



Advertising for dangerous substances

Dangerous substance as per Regulation (EC) No 1272/2008. This substance is classified and assigned in accordance with the requirements of the aforementioned ordinance. For further information on this substance, please refer to the safety data sheet.

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