

Repol

UBE Group

# Orange Polyamide

FOR HIGH VOLTAGE EV

**DINALON<sup>®</sup>**

B1X25 G30V0 H-2003

The perfect choice for your EV mobility needs.



## MAIN MATERIAL FEATURES

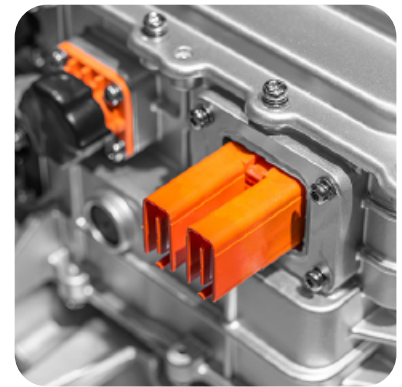
- PA6, 30% Glass Fibre, Halogen free flame retardant, Heat stabilized, Orange colour
- Excellent colour stability ( $\Delta E < 5$ ) after ageing at  $T=130^{\circ}\text{C}$  for  $t=1000\text{h}$
- UL 94 V-0 rated even at low thickness
- Halide free heat stabilization, preventing electrochemical corrosion
- Processing friendly

## FLAMMABILITY PROPERTIES

UL 94	V-0	1.6, 0.8mm
Glow wire flammability index GWFI UNE- EN 60695-12	960	1mm
Glow wire ignition test GWIT UNE- EN 60695-13	750	1mm

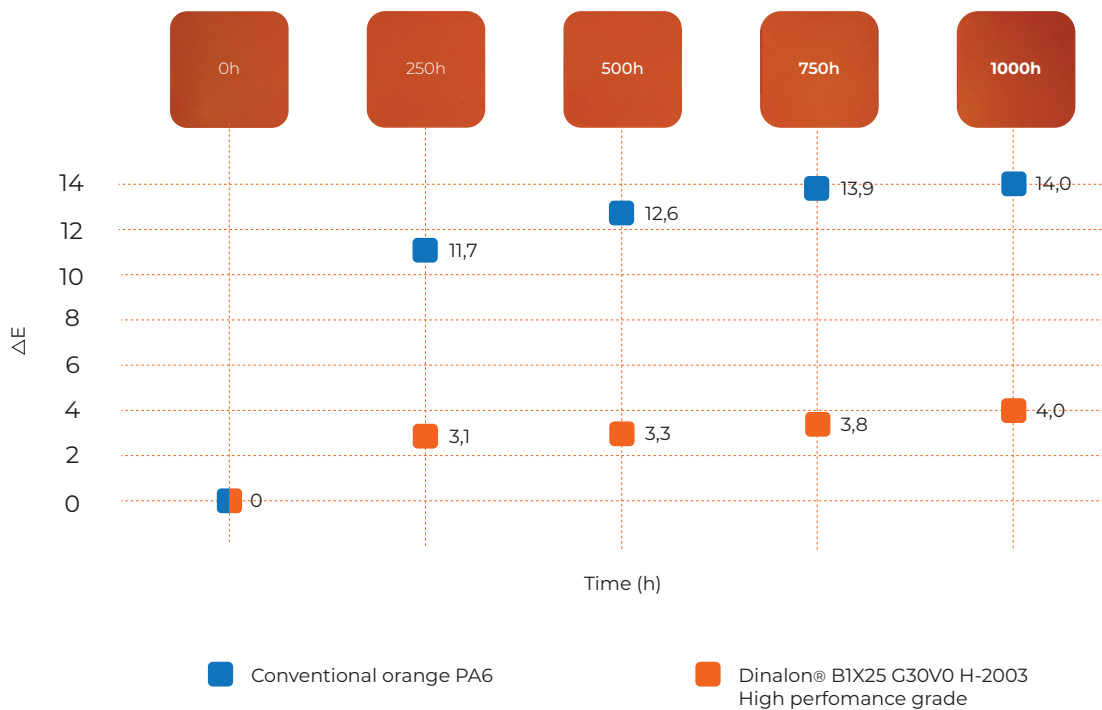
## MECHANICAL PROPERTIES (D.A.M.)

Tensile Modulus	ISO 527	11300 MPa
Stress at break	ISO 527	120 MPa
Strain at break	ISO 527	1.9%
Charpy impact strength	ISO 179/1eU	6.5 kJ/m <sup>2</sup>
Charpy notched impact strength	ISO 179/1eA	42 kJ/m <sup>2</sup>



## COLOUR STABILITY

Ageing conditions | T=130°C, t=1000h, method : CIE Lab



**Repol**

**UBE Group**

## CONTACT US

tf. +34 964 560 283  
info.repol@ube.com

[www.repol.com](http://www.repol.com)

LinkedIn

