

Technical Information



MEGOL™ I A 30 P UG

Overview

TPS-SEBS compound

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.890 g/cm ³	0.890 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	50 g/10 min	50 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Break)	943 psi	6.50 MPa	ASTM D638
Tensile Elongation ¹ (Break)	900 %	900 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ² (Peak)	85.7 lbf/in	15.0 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	30	30	ASTM D2240
Additional Information	Nominal Value (English)	Nominal Value (SI)	
Shelf Life	12 month	12 month	
Injection	Nominal Value (English)	Nominal Value (SI)	
Rear Temperature	338 to 356 °F	170 to 180 °C	
Middle Temperature	347 to 365 °F	175 to 185 °C	
Front Temperature	365 to 383 °F	185 to 195 °C	
Nozzle Temperature	383 to 401 °F	195 to 205 °C	
Mold Temperature	86 to 113 °F	30 to 45 °C	

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ Type IV, 20 in/min (500 mm/min)

² Die C

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