

BASF Procom® X25H 650 Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Electrical and domestic appliances, housings where high gloss is required. Data was collected by ISO methods and provided by BASF.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Procom-X25H-650-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	
Linear Mold Shrinkage, Flow	0.0135 cm/cm	0.0135 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	
Elongation at Break	25 %	25 %	
Tensile Modulus	2.30 GPa	334 ksi	
Charpy Impact Unnotched	6.50 J/cm ²	30.9 ft-lb/in ²	
	1.50 J/cm ²	7.14 ft-lb/in ²	
	@Temperature -30.0 °C	@Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	80.0 µm/m-°C	44.4 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Deflection Temperature at 0.46 MPa (66 psi)	120 °C	248 °F	
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	
Vicat Softening Point	100 °C	212 °F	
Flammability, UL94	HB	HB	
	@Thickness 3.00 mm	@Thickness 0.118 in	

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