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COPYLENE™ CH350

Homopolymer

Applications

- Injection molding

Product Description

- COPYLENE™ CH350 is a controlled rheology, barefoot homopolymer designed for application as a base resin for compounding, consumer products and other injection molding applications.

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	35 g/10 min
Density – Specific Gravity	ASTM D 792	0.902 sp gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	5100 psi 35.1 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	215000 psi 1481 MPa
Tensile Elongation @Yld	ASTM D 638	9.2%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.5 ft-lb/in 26.6 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	101 °C

For regulatory compliance information, see COPYLENE™ CH350 Product Stewardship Information Sheet. MSDS available upon request, or on our Web site at www.COPYLENE.com. The product specifications are nominal properties and do not reflect normal testing variance and should not be used for specification purposes.

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