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COPYLENE™ CH040

Homopolymer

Applications

- Injection Molding and Film

Product Description

- COPYLENE™ CH040 is a propylene homopolymer designed for film and injection molding with a barefoot formulation package.

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4 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	4600 psi 31.7 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	175000 psi 1205 MPa
Tensile Elongation @Yld	ASTM D 638	12.1%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.9 ft-lb/in 47.8 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	89 °C

For regulatory compliance information, see COPYLENE™ CH040 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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