

NORYL EN265

Polyphenylene Ether + High Impact Polystyrene Blend

Product Description

NORYL EN265 resin is a non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This high heat extrusion grade contains nonbrominated, non-chlorinated flame retardant and carries a UL94 flame rating of v0 at 6mm and V1 at 1.5mm along with UL746C outdoor weatherability rating of F1. NORYL EN265 resin exhibits excellent impact strength, very low moisture absorption, good dimensional stability, and great machinability.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.08
Tensile Strength	ASTM D-638	63 MPa
Tensile Elongation at Break	ASTM D-638	25%
Flexural Modulus	ASTM D-790	2,550 MPa
Rockwell Hardness (R Scale)	ASTM D-785	119
Izod Impact (Notched) -20°F	ASTM D-256	133 J/m
Izod Impact (Notched) 72°F	ASTM D-256	186 J/m
Heat Deflection Temperature (@264 psi)	ASTM D-648	123°F
Coefficient of Linear Thermal Expansion	ASTM D-696	5.94 x10 ⁻⁵ 1/°C
Flammability	UL 94 V-0	≥ 6 m/m

**All values based on 0.125" unless otherwise stated*

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com

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