

NORYL™ RESIN PX2630

REGION ASIA

DESCRIPTION

NORYL PX2630 resin is a non-reinforced blend of polyphenylene ether (PPE) + polystyrene (PS). This high impact extrusion grade exhibits high impact strength, dimensional stability, hydrolytic stability, and very low moisture absorption. This material is an excellent candidate for industrial applications.

GENERAL INFORMATION	
Features	Hydrolytic Stability, Low Warpage, Amorphous, Low Shrinkage, Low Moisture Absorption, Low Specific Gravity, Dimensional stability, Impact resistant, No PFAS intentionally added
Fillers	Unreinforced
Polymer Types	Polyphenylene Ether + PS (PPE+PS)
Processing Techniques	Extrusion

INDUSTRY	SUB INDUSTRY
Industrial	Material Handling

TYPICAL PROPERTY VALUES

Revision 20231109

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL ⁽¹⁾			
Tensile Stress, yield	48	MPa	SABIC - Japan Method
Tensile Strain, break	42 – 42	%	SABIC - Japan Method
Flexural Stress	76	MPa	ASTM D790
Flexural Modulus	2090	MPa	ASTM D790
IMPACT ⁽¹⁾			
Izod Impact, notched, 23°C	330	J/m	ASTM D256
THERMAL ⁽¹⁾			
HDT, 1.82 MPa, 6.4 mm, unannealed	126	°C	ASTM D648
PHYSICAL ⁽¹⁾			
Specific Gravity	1.06	-	ASTM D792
Melt Flow Rate, 250°C/ 10.0 kgf	3.8	g/10 min	ASTM D1238

(1) The information stated on Technical Datasheets should be used as indicative only for material selection purposes and not be utilized as specification or used for part or tool design.

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