NORYL™ RESIN INT2001

REGION ASIA

DESCRIPTION

NORYL™ INT2001 resin is a non-reinforced blend of polyphenylene ether (PPE) + high impact polystyrene (HIPS). This resin exhibits good dimensional stability, low moisture absorption, and low specific gravity. It is an excellent candidate for automotive interior applications.

TYPICAL PROPERTY VALUES

Revision 20190723

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	44	MPa	SABIC - Japan Method
Tensile Strain, break	76	%	SABIC - Japan Method
Flexural Stress	75	MPa	ASTM D 790
Flexural Modulus	2090	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	236	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	120	°C	ASTM D 648
CTE, -30°C to 30°C	7.00E-05	1/°C	TMA
PHYSICAL			
Specific Gravity	1.05	-	ASTM D 792
Water Absorption, 24 hours	0.06	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.5 – 0.7	%	SABIC method
Melt Flow Rate, 250°C/10.0 kgf	6.6	g/10 min	ASTM D 1238

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