

NORYL™ RESIN EM7301HF

REGION ASIA

DESCRIPTION

Easy flow, 10% glass filled, improved adhesion PPO/HIPS alloy.

TYPICAL PROPERTY VALUES

Revision 20180905

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yld, Type I, 50 mm/min	71	MPa	ASTM D 638
Tensile Strain, brk, Type I, 50 mm/min	6	%	ASTM D 638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	104	MPa	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	3590	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	80	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	112	°C	ASTM D 648
HDT, 1.82 MPa, 6.4 mm, unannealed	112	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.11	-	ASTM D 792
INJECTION MOLDING			
Drying Temperature	100 – 110	°C	
Drying Time	2 – 4	hrs	
Drying Time (Cumulative)	8	hrs	
Melt Temperature	260 – 290	°C	
Mold Temperature	70 – 90	°C	

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