

NORYL™ RESIN HM3020H

REGION ASIA

DESCRIPTION

PPE+PS GF+MF 30% filled, FR V-1, high flow

TYPICAL PROPERTY VALUES

Revision 20181012

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, yield	115	MPa	SABIC - Japan Method
Tensile Strain, break	4 – 6	%	SABIC - Japan Method
Flexural Stress	147	MPa	ASTM D 790
Flexural Modulus	7940	MPa	ASTM D 790
Hardness, Rockwell M	88	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	58	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	125	°C	ASTM D 648
CTE, -30°C to 30°C	0.000024 – 0.000034	1/°C	TMA
PHYSICAL			
Specific Gravity	1.33	-	ASTM D 792
Water Absorption, 24 hours	0.06	%	ASTM D 570
Mold Shrinkage, flow, 3.2 mm	0.25 – 0.3	%	SABIC method
Melt Flow Rate, 300°C/2.16 kgf	17.7	g/10 min	ASTM D 1238
ELECTRICAL			
Surface Resistivity	1.E+16	Ohm	ASTM D 257

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