



NORYL™ Resin HM3020H
Asia Pacific: COMMERCIAL

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

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield	1170	kgf/cm ²	SABIC - Japan Method
Tensile Strain, break	4 - 6	%	SABIC - Japan Method
Flexural Stress	1490	kgf/cm ²	ASTM D 790
Flexural Modulus	80900	kgf/cm ²	ASTM D 790
Hardness, Rockwell M	88	-	ASTM D 785
IMPACT			
Izod Impact, notched, 23°C	5	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 6.4 mm, unannealed	125	°C	ASTM D 648
CTE, -30°C to 30°C	2.4E-05 - 3.4E-05	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 (5)	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