



NORYL™ Resin EN95
Asia Pacific: COMMERCIAL

Low heat, extrusion grade PPO/HIPS alloy.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yld, Type I, 50 mm/min	450	kgf/cm ²	ASTM D 638
Tensile Strain, brk, Type I, 50 mm/min	50	%	ASTM D 638
Flexural Stress, yld, 1.3 mm/min, 50 mm span	760	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	23400	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	28	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	100	°C	ASTM D 648
HDT, 1.82 MPa, 6.4 mm, unannealed	107	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.06	-	ASTM D 792
Mold Shrinkage, flow, 3.2 mm (5)	0.5 - 0.7	%	SABIC Method



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	100 - 105	°C
Drying Time	2 - 4	hrs
Drying Time (Cumulative)	8	hrs
Melt Temperature	210 - 230	°C