



GRADE: RE-NY66-1200

Molding Grade PA 66 with 50% Pre-consumer Validated Recycled Content Materials

Typical Material Properties

Physical	Nominal Values	ASTM Test
Specific Gravity	1.14	D792
Mechanical		
Tensile Strength @ Yield	11,200 psi	D638
Flexural Modulus	400,000 psi	D790
Impact		
Notched Izod Impact (73 °F, 0.125 in)	0.8 ft-lb/in	D256
Thermal		
Melting Temperature	496 °F	D3418

Recommended Processing Guidelines

	Nominal Values
Drying Time and Temperature	2-6 hrs at 176-212°F
Suggested Max Moisture	<0.20%
Rear Temperature	482 – 536 °F
Middle Temperature	527 – 554 °F
Front Temperature	527 – 554 °F
Nozzle Temperature	527 – 563 °F
Processing (Melt) Temperature	500 – 580 °F
Mold Temperature	150 – 220 °F