StarResin™

PRODUCT DATA SHEET

PA66 Injection

Injection Molding

Applications

- Automotive
- E&E

Characteristics

- Low viscosity

Property	Value	Unit	Method
Melt Index, MI_2		g/10min	D 1238
Specific Gravity	1.14		D 792
Molding Shrinkage, 3.2mm	1.3 - 2.0	%	D 955
Water Absorption	1.7	%	D 570
Tensile Strength at Yield, 3.2mm	820	kg/cm^2	D 638
Tensile Elongation at Break, 3.2mm	50	%	D 638
Flexural Strength, 6.4mm	1150	kg/cm^2	D 790
Flexural Modulus, 6.4mm	28000	kg/cm^2	D 790
Izod Impact Strength, Notched	5	kg-cm/cm	D 256
Hardness, R-Scale	120		D 785
Melting Temperature	260	°C	D 3418
Heat Deflection Temp., 18.6kg, 6.4mm	75	°C	D 648
Heat Deflection Temp., 4.6kg, 6.4mm	230	°C	D 648
Coefficient of Linear Thermal Expansion	8	10^{-5} m/m °C	D 696
Flammability	V-2	class	(UL94)

GLOBAL PLASTICS LP
21 Downing Street Front 1 New York, NY 10014
(Domestic) 1-800 417-4605
(International) +1-646-790-7200
www.globalplastics.net

StarResin™

PRODUCT DATA SHEET

PA66 Injection

Injection Molding

Applications

- Automotive
- E&E

Characteristics

- Low viscosity

Property	Value	Unit	Method
Volume Resistivity	1.0 E+14	Ohm·cm	D 257
Arc Resistance	190	sec	D 495
Dielectric Strength, 1mm	23	KV/mm	D 149
Dielectric Constant, 10^6 Hz	3		D 150

GLOBAL PLASTICS LP
21 Downing Street Front 1 New York, NY 10014
(Domestic) 1-800 417-4605
(International) +1-646-790-7200
www.globalplastics.net