

Technical Data Sheet

Schuladur PC/PBT-1422U NANAT



Polycarbonate + PBT

Product Description

Polycarbonate + PBT, Injection Grade, Improved Cold Temperature Impact Colors Available Add "R" for Added Release Add "U" for UV Stabilized

Processing Method	Injection Molding
Attribute	Low Temperature Impact Resistance
Appearance	Colors Available

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (260 °C/5.0 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	1.21	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	53.1	MPa	ASTM D638
Flexural Modulus	2030	MPa	ASTM D790
Tensile Elongation at Break	>120	%	ASTM D638
Flexural Strength	84.8	MPa	ASTM D790
Impact			
Notched Izod Impact			
(23 °C, 3.18 mm)	750	J/m	ASTM D256
(-30 °C, 3.18 mm)	160	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	98.9	°C	ASTM D648