

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

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Low Temperature Impact Resistance
<b>Appearance</b>	Colors Available

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (260 °C/5.0 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	1.21	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact			
(23 °C, 3.18 mm)	750	J/m	ASTM D256
(-30 °C, 3.18 mm)	160	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	98.9	°C	ASTM D648