

Technical Data Sheet

Schulamid P65E0GY198GRY



Polyamide 6

Product Description

Schulamid P65E0GY198GRY is a Polyamide 6 material. Features include: High Impact Resistance.

Attribute High Impact Resistance

Forms Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.07	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	46.2	MPa	ASTM D638
Flexural Modulus, (Tangent)	1790	MPa	ASTM D790
Impact			
Gardner Impact	>36.2	J	ASTM D5420
Notched Izod Impact	800	J/m	ASTM D256
Thermal			
RTI Str	65.6	°C	UL 746B
UL Information			
Flame Rating, (1.5 mm)	HB		UL 94

Injection Parameters	Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	82	°C
Suggested Max Moisture	0.1	%
Processing (Melt) Temp	238 to 271	°C
Front Temperature	243 to 282	°C
Middle Temperature	243 to 282	°C
Rear Temperature	243 to 282	°C
Injection Rate	Moderate	
Back Pressure	<0.345	MPa
Mold Temperature	60 to 82	°C
Cushion	3.18 to 6.35	mm