

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
<b>Physical</b>			
Density - Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	46.2	MPa	ASTM D638
Flexural Modulus, (Tangent)	1790	MPa	ASTM D790
<b>Impact</b>			
Gardner Impact	>36.2	J	ASTM D5420
Notched Izod Impact	800	J/m	ASTM D256
<b>Thermal</b>			
RTI Str	65.6	°C	UL 746B
<b>UL Information</b>			
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