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## Technical Data Sheet

# Schulamid P64E0UVBKBLK



Polyamide 6

### Product Description

Schulamid P64E0UVBKBLK is a Polyamide 6 material and is typically used in Injection Molding applications. Features include: Heat Stabilized, and Impact Modified.

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Heat Stabilized; Impact Modified
<b>Forms</b>	Pellets

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density - Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	60	MPa	ASTM D638
Flexural Modulus	2310	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	180	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	52.2	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	141	°C	ASTM D648

Injection Parameters	Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	71 to 93	°C
Suggested Max Moisture	0.1	%
Processing (Melt) Temp	249 to 282	°C
Front Temperature	249 to 282	°C
Middle Temperature	249 to 282	°C
Rear Temperature	249 to 271	°C
Injection Rate	Fast	
Back Pressure	<0.345	MPa
Mold Temperature	66 to 93	°C
Cushion	6.35 to 12.7	mm