

Technical Data Sheet

Schulamid 662E0HLBKBLK

Polyamide 66

Product Description

Heat Stabilized, Lubricated, Nylon 66

Processing Method Injection Molding

Attribute Heat Stabilized; Lubricated

Forms Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.14	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	80.7	MPa	ASTM D638
Flexural Modulus, (Tangent)	3100	MPa	ASTM D790
Impact			
Notched Izod Impact	43	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	70	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	196	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	4	hr
Drying Temperature	71 to 82	°C
Processing (Melt) Temp	271 to 293	°C
Front Temperature	249 to 293	°C
Middle Temperature	249 to 293	°C
Rear Temperature	249 to 293	°C
Injection Rate	Moderate-Fast	
Back Pressure	<0.689	MPa
Mold Temperature	52 to 82	°C
Cushion	3.18 to 6.35	mm