

SCHULAMID® 66 MV HI HH K2300

Polyamide 66
A. Schulman Europe

Message:
Impact modified PA 66, heat stabilized, electrically neutral and hot oil resistant

General Information			
Processing Method	Injection molding		
Resin ID (ISO 1043)	PAM 66 HI		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183/A
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	125	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2450	MPa	ISO 527-2/1A/1
Tensile Stress			ISO 527-2/1A/50
Yield	62.0	MPa	ISO 527-2/1A/50
Fracture	47.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	4.2	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	16	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	18	kJ/m ²	ISO 179/1eA
23°C	38	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	No Break		ISO 179/1eU
23°C	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	200	°C	ISO 75-2/Bf
1.8 MPa, not annealed	62.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	> 250	°C	ISO 306/A50
--	210	°C	ISO 306/B50
Additional Information			

1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

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