

Technical Data Sheet

Schulamid 6 GF50 H NAT



Polyamide 6

Product Description

Schulamid 6 GF50 H NAT is a Polyamide 6 material.

Typical Properties	Nominal Value	Units	Test Method
Mechanical			
Tensile Strain at Break, (Type 1A, 5 mm/min)	4.5	%	ISO 527-2
Tensile Stress at Break, (Type 1A, 5 mm/min)	130	MPa	ISO 527-2
Tensile Modulus, (1 mm/min, Type 1A)	9500	MPa	ISO 527-1
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	24	kJ/m ²	ISO 179
Charpy Impact Strength - Unnotched, (23 °C, Type 1, Edgewise)	No Break		ISO 179
Flammable			
Burning Rate			
(2.00 mm)	<100	mm/min	FMVSS 302
(2.00 mm)	<100	mm/min	ISO 3795