

## PLASTIC SHEET NYLON 66

### Black Molybdenum Disulphide

#### PHYSICAL PROPERTIES

Density	DIN 53479	g/cm <sup>3</sup>	1.14
Tensile Strength at yield	DIN 53455	MPa	90
Elongation at break	DIN 53455	%	5
Charpy Impact Strength	DIN 53453	kJ/m <sup>2</sup>	No break
Max Service Temperatures	Short term	°C	175
	Long term	°C	100
Moisture absorption (Equilibrium in standard 23°C/50% humidity)	DIN 53714	%	3
Ball Indentaion Hardness	DIN 53456	MPa	160
Modulus of Elasticity in Flexure	DIN 53457	MPa	
Modulus of Elasticity in Tension	DIN 53457	MPa	4000

Technical Data Sheet

## FURTHER INFORMATION

#### Electrical Properties

Specific Viscosity Resistance      DIN 53482      Ω\*cm

#### Thermal Properties

Co efficient Thermal Expansion      10<sup>-5</sup>/K      5-6

#### Fire Behaviour

Flammability      UL94      HB

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