

POLYPROPYLENE

HOMO-POLYMER

MECHANICAL PROPERTIES

Density	ISO 1183	g/cm ³	0.92
Tensile Stress at Yield	ISO 527-1	N/mm ²	32
Modulus of elasticity in tension	ISO 527-1	N/mm ²	1300
Elongation at break	ISO 527-1	%	>50
Hardness shore D	ISO 868	points	72
Notched impact strength	ISO 179	mJ/mm ²	6

Technical Data Sheet

FURTHER INFORMATION

THERMAL PROPERTIES

Vicat Softening temperature VSP/b/50	ISO 306	°C	90
Co efficient of Linear Expansion	DIN 53752	1/K	1-2*10 ⁻⁴
Fire Behaviour	DIN 4102		B2
Operating Temperature	Short Term	°C	0....150
	Long Term	°C	0....100

ELECTRICAL PROPERTIES

Insulation Resistance	DIN VDE 0303	O x cm	>10 ¹⁵
Surface Resistance	DIN VDE 0303	O	>10 ¹⁴

The above data is based on present knowledge and is given without guarantee.

Existing laws and conditions are to be respected by the user of our products.

PARTWELL LIMITED
CUTTING TECHNOLOGY SPECIALISTS
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