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enclosures for electronics
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Polymer	PPO
Application	Injection moulding

Properties	*Method*	*Unit*	*Value*
Physical			
Density at 23°C	ISO 1183	g/cm3	1,15
Mould Shrinkage(%)		%	0,6
Melt Flow Index	ISO 1133	g/10’	30
Thermal			
Vicat B50	ISO 306	°C	95
HDT, A (1.80 MPa)	ISO 75/Af	°C	70
Relative Temp Index, Elec		°C	65
Relative Temp Index, Mech w/impact		°C	65
Relative Temp Index, Mech w/o impact		°C	65
Mechanical at 23°C			
Tensile stress at yield	ISO 527-2	Mpa	50
Tensile elong. at break	ISO 527-2	%	20
Izod notched impact strength	ISO 180/1A	Kj/m2	8
Flammability			
Glow Wire Flammability Index GWFI (3,0 mm)	IEC 606925-2-12	°C	960
Flammability class (1,5 mm)	UL94		V0

Disclaimer
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