

POLYshine PBT D223 Q30 FR

PBT-MX30

Polykemi AB

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	55	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	4400	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	83	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	172	°C	ISO 75-1/-2
Vicat softening temperature, B	175	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	960	°C	IEC 60695-2-13
GWIT - thickness tested (1)	2	mm	-
Other properties			
Density	1530	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Special Characteristics

Flame retardant

Delivery form

Granules

Regional Availability

Europe, Asia Pacific