

DURACON® FP15X

POM

Polyplastics

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	1.4	cm ³ /10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Melt flow index, MFI	1.7	g/10min	ISO 1133
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Tensile Strength	56	MPa	ISO 527
Nominal strain at break	50	%	ISO 527
Flexural modulus, 23°C	2020	MPa	ISO 178
Flexural strength	73	MPa	ISO 178
Charpy notched impact strength, +23°C	9.9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Yellow Card available	yes	-	-
Other properties			
Density	1410	kg/m ³	ISO 1183

Characteristics**Processing**

Other Extrusion

Regional Availability

Asia Pacific