

Product Texts

Middle viscosity extrusion grade with an exceptionally high melt strength for the extrusion of profiles, films, hollow rods, pipes and blow molded parts.

Abbreviated designation according to ISO 1043-1: PBT

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	8.5	cm ³ /10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	2500	MPa	ISO 527
^[C] Yield stress	52	MPa	ISO 527
^[C] Yield strain	3.4	%	ISO 527
^[C] Nominal strain at break	>50	%	ISO 527
^[C] Charpy impact strength, +23°C	250	kJ/m ²	ISO 179/1eU
^[C] Charpy impact strength, -30°C	200	kJ/m ²	ISO 179/1eU
^[C] Charpy notched impact strength, +23°C	5.5	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	5.5	kJ/m ²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Temp. of deflection under load, 1.80 MPa	55	°C	ISO 75-1/-2
^[C] Temp. of deflection under load, 0.45 MPa	140	°C	ISO 75-1/-2

[C]: CAMPUS

Characteristics

Processing

Film Extrusion, Pipe/Tube Extrusion, Profile Extrusion, Other Extrusion, Blow Molding

Features

Melt Strength