

Product Texts

High viscosity PC copolymer blend with enhanced UV stabilization and added release agent. V2 rated. Available in transparent and tinted colors

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5	cm ³ /10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
ASTM Data			
Melt Flow Index, MFI	6	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2340	MPa	ISO 527
Yield stress	67	MPa	ISO 527
Yield strain	6.3	%	ISO 527
Stress at break	76	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus	2120	MPa	ISO 178
ASTM Data			
Tensile Modulus	2340	MPa	ASTM D 638
Tensile Strength at Yield	67	MPa	ASTM D 638
Tensile Strength at Break	76	MPa	ASTM D 638
Elongation at Yield	6.3	%	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2120	MPa	ASTM D 790
Izod Impact notched, 1/8 in	820	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	140	J/m	ASTM D 256
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	121	°C	ISO 75-1/-2
Vicat softening temperature, B	137	°C	ISO 306
Vicat softening temperature, 120°C/h 50N	139	°C	ISO 306
ASTM Data			
DTUL @ 264 psi	134	°C	ASTM D 648
Vicat Temperature	135	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Water absorption	0.35	%	Sim. to ISO 62
Humidity absorption	0.15	%	Sim. to ISO 62
Density	1200	kg/m ³	ISO 1183
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Profile Extrusion

Regional Availability

Europe

Special Characteristics

Transparent