Hytrel® HTR8745LV BK320

TPC — Celanese

Product Texts

Hytrel® HTR8745LV BK320 is a 43 Shore D, Heat Stabilized, Black, High Performance High Flow Polyester Elastomer with Excellent Fatigue Resistance Developed for Injection Molding

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Molding shrinkage, parallel	**1.5**	%	ISO 294-4, 2577
[C] Molding shrinkage, normal	**1.5**	%	ISO 294-4, 2577

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Charpy notched impact strength, -30°C	**102**	kJ/m²	ISO 179/1eA
[C] Stress at break TPE	**27**	MPa	ISO 527
[C] Strain at break TPE	**>300**	%	ISO 527
[C] Shore D hardness	**41**	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**206**	°C	ISO 11357-1/-3
[C] Glass transition temperature, 10°C/min	**-45**	°C	ISO 11357-1/-2

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1150**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion, Coating

Special Characteristics

Light stabilized or stable to light, Heat stabilized or stable to heat

Delivery form

Pellets, Black

Features

Fatigue Resistance