

Pearlbond™ 700 EXP

TPU

Lubrizol Advanced Materials Spain S.L.

Product Texts

PEARLBONDTM 700 EXP is a linear, polyester-based polyurethane, supplied in form of small beige granules, which combines an ultra-fast crystallization rate with an ultra-high thermoplasticity level. It is used for Hot Melt Adhesives.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	40	g/10min	ISO 1133
Temperature	160	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Shore A hardness	97	-	ISO 7619-1

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Type of extrusion	film	-	-
Zone 1	110 - 120	°C	-
Zone 2	120 - 130	°C	-
Zone 3	130 - 140	°C	-
Zone 4	120 - 130	°C	-
Nozzle temperature	110 - 120	°C	-

Characteristics

Processing

Film Extrusion, Other Extrusion, Coating

Delivery form

Pellets, Natural Color

Features

Good Adhesion, Heat Sealable, High Crystallinity

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe