

Technical Data Sheet

Type: Pearlbond® UB410A is a Shore 70A, polyester based, hot melt adhesive with excellent low temperature flexibility thermoplastic polyurethane (TPU).

Uses: Extrusion, Powder Coating

Physical Properties	Standard No.	Units	Value
Appearance	-	-	Translucent
Flexibility (Hand)	-	-	Soft
Hardness	ASTM D2240	Shore A	70
Specific Gravity	ASTM D792	g/cm ³	1.18
Thermal			
Melt Index:	ASTM D1238		
At 140°C/2,160g		g/10min	35
At 160°C/2,160g		g/10min	60
At 180°C/2,160g		g/10min	105
At 200°C/2,160g		g/10min	-
At 220°C/2,160g		g/10min	-
Kofler Melting Temperature	SRTM 3022-9	°C	86
Tg	ASTM D3418	°C	-30

*These are typical values and should not be used for specifications.

STORAGE

Pearlbond™ UB410A must be stored in a cool (15–25°C) and environment prior to being processed. Standard practice of consuming resin on first-in first-out basis should be employed.

For further information refer to Lubrizol Advanced Materials processing guides.

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