

Technical Data Sheet

DEXPRO E420-UV BLK



Polypropylene Compounds

Product Description

DEXPRO E420-UV BLK is a fractional melt flow, high flexural modulus thermoplastic polyolefin (TPO) formulated for ease of processing. It is typically used for thermoformed applications that require low-temperature toughness and dimensional stability.

Application	Industrial; Panels & Profiles
Market	Automotive; Industrial, Building & Construction
Processing Method	Sheet and Profile Extrusion; Thermoforming
Attribute	Good Dimensional Stability; Good Melt Strength

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.65	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	27	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (23 °C)	50	kJ/m ²	ISO 180
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			