

Product information			
Manufacturer	LyondellBasell Industries		
Part Marking Code	>TPO<		
Physical property	Standard	Value	Unit
Density	ISO 1183	0.9	g/cm³
Melt Index 230°C 2.16kg	ISO 1133	7	cm³/10min
Hardness	Standard	Value	Unit
Shore Hardness D	ISO 868	61	
Mechanical behavior	Standard	Value	Unit
Tensile Strength Yield 23°C	ISO 527	16	MPa
Tensile Strength 23°C	ISO 527	15	MPa
Elongation Yield 23°C	ISO 527	15	%
Elongation 23°C	ISO 527	500	%
Flexural Modulus 23°C	ISO 178	800	MPa
Izod Notch Impact 23°C	ISO 180	54	kJ/m²
Izod Notch Impact -40°C	ISO 180	8.8	kJ/m²
Falling Weight Impact Strength -30°C	ASTM D1709	23	J
Thermal	Standard	Value	Unit
HDT Unannealed 0.45MPa	ISO 75	63.9	°C
HDT Unannealed 1.8MPa	ISO 75	43.9	°C

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