

Technical Data Sheet

Softflex 7210

Thermoplastic Elastomer
LyondellBasell Industries
Engineering Plastics

General			
Uses	• Overmolding		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.891 to 0.901	0.889 to 0.899 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹			ASTM D1238
200°c/5.0 Kg	88 to 100 g/10 min	88 to 100 g/10 min	
230°c/2.16 Kg	47 to 57 g/10 min	47 to 57 g/10 min	
235°c/1.0 Kg	7.0 to 13 g/10 min	7.0 to 13 g/10 min	
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	1100 psi	7.58 MPa	ASTM D412
Tensile Elongation (Break)	800 %	800 %	ASTM D412
Tear Strength	230 lbf/in	40.3 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A)	67 to 77	67 to 77	ASTM D2240
Additional Information	Nominal Value (English)	Nominal Value (SI)	
Overmold Bonding	PP, PE	PP, PE	

Notes

¹ Procedure A

² 20 in/min (510 mm/min)

Notes

These are typical property values not to be construed as specification limits.