

Technical Data Sheet

**Softflex 7210**

Thermoplastic Elastomer
LyondellBasell Industries
Engineering Plastics

General

Material Status	• Commercial: Active
Availability	• North America
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.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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