

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.