

Technical Data Sheet

**Alcryn ALR 7410**

Melt Processable Rubber
LyondellBasell Industries
Engineering Plastics

Product Description

An ethylene copolymer designed to be used as a modifier for TPU, PVC, or Polyester products. Additions at 20% levels can improve flexibility, low temperature stiffness, and elevated temperature compression set. The modifier is not to be used by itself but can be added to TPUs, PVCs, and Polyesters in the injection molding or extrusion processes.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.977	0.975 g/cm ³	ASTM D792
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A, 0.0750 in (1.91 mm)	48	48	
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (374°F (190°C), 300 sec ⁻¹)	441 Pa·s	441 Pa·s	ASTM D3835

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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