



Dynalloy™ 8910-60

Thermoplastic Elastomer

Key Characteristics

Product Description

Dynalloy™ 8910-60 is a thermoplastic elastomer compound. Dynalloy™ 8910-60 is formulated to deliver a great cost / performance ratio in combination with good mechanical properties, good processability, good colourability and a wide temperature operating range.

Being unfilled, Dynalloy™ 8910-60 is translucent and has a low density.

Dynalloy™ 8910-60 is intended for food contact applications. Please ask your sales representative for detailed information.

General

Material Status	• Commercial: Active
Regional Availability	• Europe
Features	• Food Contact Acceptable • General Purpose
Uses	• Appliances • General Purpose • Consumer Applications • Overmolding
Forms	• Pellets
Processing Method	• Injection Molding

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density	0.890 g/cm ³	0.890 g/cm ³	ISO 1183
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Stress (100% Strain)	305 psi	2.10 MPa	ISO 37
Tensile Stress (300% Strain)	435 psi	3.00 MPa	ISO 37
Tensile Stress (Break)	725 psi	5.00 MPa	ISO 37
Tensile Elongation (Break)	550 %	550 %	ISO 37
Tear Strength	130 lbf/in	23 kN/m	ISO 34-1
Compression Set			ISO 815
73°F (23°C), 72 hr	26 %	26 %	
158°F (70°C), 22 hr	49 %	49 %	
212°F (100°C), 22 hr	78 %	78 %	
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Shore Hardness (Shore A)	60	60	ISO 868
Additional Information	Typical Value (English)	Typical Value (SI)	
Generic Material Type	Styrenic Thermoplastic Elastomer (TES)	Styrenic Thermoplastic Elastomer (TES)	
Properties are measured using injection molded plaques.			

Processing Information

Injection	Typical Value (English)	Typical Value (SI)
Processing (Melt) Temp	356 to 428 °F	180 to 220 °C
Mold Temperature	86.0 to 140 °F	30.0 to 60.0 °C
Injection Rate	Fast	Fast

Notes

¹ Typical values are not to be construed as specifications.

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