



Material Specification Sheet

Material Number: 90690

Description: Thermoplastic Plastic Rubber (TPR)

Applications: 90690 is a TPO blend supplied in extruded sheet format. Its high impact strength, abrasion resistance and weather resistance make it suitable for thermoformed and pressure formed floor mats, shields, flares, liners, and belly pans. This product is resistant to isopropyl alcohol, anti-freeze, grease, hydraulic oil and motor oil.

Product Construction: Extruded TPO Blend Sheet

Typical Physical Properties:

Property	Test Method	Value
Specific Gravity	ASTM D792	0.91 g/cc
Hardness	ASTM D2240	90 (Shore A scale)
Tensile Strength	ASTM D412 Die A	MD 1,600 PSI (11 MPa) AMD 1,100 PSI (7.6 MPa)
Ultimate Elongation	ASTM D412 Die A	MD 1150% AMD 1050%
Tear Strength	ASTM D624 Die C	MD 460 psi AMD 490 psi
Fogging	SAE J1756	98 Fn
Izod Impact	ASTM D256	No Break (73°F, -40°F)
Flammability	FMVSS302	Certified <20 mm/min

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