Manufacturer website: https://www.fpcusa.com/

Formosa Plastics®

Polypropylene

6530N® (ISO Format)

Impact Copolymer - Designed to Meet Above the Shoulder Requirements of Automotive Interiors.

Formolene® 6530N is a high impact, copolymer polypropylene. It was specifically developed to meet the OEM requirements for automotive interior door panels used for above shoulder applications.

Material has been approved under Renault-Nissan AS3.

This material is free of animal-derived content.

Typical Properties of this Commercial Grade

Property	Test Method	Typical Values			
		English		SI	
Melt Flow Rate, I_2 @ 230°C	ISO 1133	25	g/10min	25	g/10 min
Density	ISO 1183	0.9	g/cm3	0.9	g/cm3
Tensile Strength at Yield (50 mm/min)	ISO R527	2750	psi	19	MPa
Elongation at Yield (50 mm/min)	ISO R527	5	%	5	%
Flexural Modulus (1.3 mm/min), 1% Secant	ISO 178	140	Kpsi	970	MPa
Notched Izod Impact Strength @ 23°C	ISO 180	6.5	ft-lb/in	43	KJ/m2
Notched Izod Impact Strength @ -30°C	ISO 180	1.5	ft-lb/in	9.5	KJ/m2
Notched Izod Impact Strength @ -40°C	ISO 180	1.2	ft-lb/in	8.0	KJ/m2
Charpy Impact @ 23 °C	ISO 179	7.5	ft-lb/in	50	KJ/m2
Charpy Impact @ -30 °C	ISO 179	1.2	ft-lb/in	8.0	KJ/m2
Charpy Impact @ -40°C	ISO 179	1.0	ft-lb/in	7.0	KJ/m2
Heat Deflection Temperature @ 264 psi, (Ae)	ISO 75	120	°F	49	°C
Heat Deflection Temperature @ 66 psi, (Be)	ISO 75	188	°F	87	°C

Notes: Specimens were injection molded according to the conditions specified in ASTM D4101
Data for representative purposes only; not to be construed as product specification. *Published 04 20*

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