



INDURE E1500 HG

DESCRIPTION:

INDURE™ E1500 HG is a thermoplastic olefinic elastomer (TPO) designed for high-gloss thermoformed applications where excellent gloss retention after forming is required. This material is available in both UV-stabilized and non-UV-stabilized variants. The material is designed for use as a coextrusion cap layer with other extrusion-grade TPOs from Solvay Engineered Polymers.

APPLICATIONS:

High-gloss, thermoformed interior and exterior parts

PROPERTY	TYPICAL VALUE	UNITS	ASTM METHOD
PHYSICAL			
Specific Gravity	0.90		D-792B
Melt Flow Rate (230°C, 2.16 kg load)	2.00	g/10 min	D-1238 Procedure A
MECHANICAL			
Flexural Modulus	147,000 (1,010)	psi (MPa)	D-790 1% SEC, 0.05 in/min
Tensile Strength at Yield	4,300 (30)	psi (MPa)	D-638 IV 2 in/min
Elongation @ Yield	13	%	D-638
Notched Izod @ 23°C	0.74 CB	ft-lb/in	D-256A
60°C Gardner Gloss, Smooth Sheet Before forming			
After forming	85+	%	D-523
	85+	%	D-523
THERMAL			
HDT @ 66 psi (455 kPa)	74 (165)	°F (°C)	D-648

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