



**INDURE E1600**

**DESCRIPTION:**

INDURE™ E1600 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	TEST METHOD
<b>PHYSICAL</b>			
Specific Gravity	0.94		ASTM D-792B
Melt Flow Rate	2.00	g/10 min	ASTM D-1238 230°C/2.16 kg
<b>MECHANICAL</b>			
Flexural Modulus	210,000 (1,450)	psi (MPa)	ASTM D-790 1% SEC, 0.05 in/min
Tensile Strength @ Yield	4,600 (32)	psi (MPa)	ASTM D-638 IV, 2 in/min
Elongation @ Yield	13	%	ASTM D-638
Notched Izod @ 23°C	0.74 CB	ft-lb/in	ASTM D-256A
60°C Gardner Gloss, Smooth Sheet			
Before forming	85+	%	ASTM D-523
After forming	85+	%	ASTM D-523
<b>THERMAL</b>			
HDT @ 66 psi (455 kPa)	74	°C	ASTM D-648

10/6/03

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