



## TECHNICAL DATA SHEET (TDS)

# PS PS3HI IMPACT POLYSTYRENE

**OVERVIEW:** Design specifically for extrusion/thermoforming.

Application: custom sheet extrusion, extrusion thermoforming, packaging, form, fill, seal.

Complies with the specifications U.S FDA 21 CFR 177.1640.

**ADDITIVE:** None.

Properties	Test Method	Units	Nominal Values
Melt Index Rate, 230 °C /2.16 Kg	ASTM D1238	g/10min	3.0
<b>Properties</b>			
Tensile strength	ASTM D638	Psi	3600
Tensile Modulus	ASTM D638	Psi(10 <sup>5</sup> )	3.0
Elongation	ASTM D638	%	50
Flexural Strength	ASTM D790	Psi	6900
Flexural Modulus	ASTM D790	Psi(10 <sup>5</sup> )	3.2

*Values are intended as guides only, not specifications. Specimens were injection molded.*

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