

Partnumber: 1F6792

Polystyrene S-3207

Material additives:

- .5% Polyethelene

Physical characteristics:

Sample specimens prepared by Injection Molding Process

<i>Characteristic</i>	<i>Unit</i>	<i>Spec</i>	<i>Range</i>	<i>Test Method</i>
A1.1 Tensile Properties - Type-I Tensile Bars				ASTM D-638
A1.1.1 Tensile Yield Stress	PSI	4300	± 400	Crosshead speed of Universal Tensile Tester 2.0-inches/minute
A1.2 Izod Impact - Notched RT	1/8-inch ft-lbs/inch	1.1	± 0.4	ASTM D-256
A1.3 Melt Flow Rate (Non-Additive)	minutes	13.0	± 3.0	ASTM-D-1238
A1.4 Pellet Size – approx.	3.5x3.5 mm			

A2 OPTICAL PROPERTIES - OPTICAL DENSITY

When used for injection molding of film hardware parts, the content of the specified black carbon grade shall be adequate to protect photosensitive components from exposure to light. An optical opacity requirement is such that there is no light transmission through a 15-mil thickness film.