

44S2A

DESCRIPTION: Impact Copolymer

FEATURES: Phosphorus free additive package for silicon coated applications. Product does not contain animal derived components.

APPLICATIONS: Extrusion: blown and cast film

PROPERTY	NOMINAL VALUE	SI UNIT	NOMINAL VALUE	ENGLISH UNIT	ASTM TEST METHOD
Melt Flow Rate	2.0	g/10 min.			D 1238
Density	0.90	g/cm ³			D 1505
Tensile Yield Strength	26.5	MPa	3800	psi	D 638
Ultimate Elongation	>300	%	>300	%	
Modulus	1180	MPa	171	kpsi	
Flexural Modulus	1080	MPa	156	kpsi	D 790
Deflection Temperature @ 66 psi	81	°C	178	°F	D 648
Rockwell Hardness			79	R	D 785
Notched Izod @ 23°C	350	J/m	6.5	ft-lb/in	D 256
Gardner Impact @ -30°C	>36.2	J	320	in-lb	D 5420

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Developmental product values are based on limited data. Product may not be commercially available. Contact your sales representative for information.

Regulatory

FDA Regulation 21 CFR 177.1520 (c) 3.1.

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The data and information represented herein refer to typical values obtained in our laboratories by the methods or apparatuses indicated, and should be so considered. Since processing variables are a major factor in product performance, this information should serve only as a guide. Since customers' testing conditions are outside our control, the reproducibility of our data in a customer's testing facility is not guaranteed. Customer should confirm results under its testing conditions. There is no implied warranty of merchantability or fitness for a particular purpose. Establishing satisfactory performance of the product for the intended application is the customer's sole responsibility. No warranty is given concerning the existence or non-existence of any patents claiming any pertinent subject matter presented herein. The Company assumes no obligation, express or implied, or liability for use of or reliance on the information and data presented. FHR disclaims all product warranties expressed or implied, including warranties of fitness for particular purpose or of merchantability. Further, this product is not intended for use in the manufacture of any form of implanted medical or surgical device.