



17S2A cs316

DESCRIPTION: Impact Copolymer

FEATURES: Enhanced ductility and impact strength

APPLICATIONS: Automotive, appliance, sheet, batteries, profile and thermoforming process

PROPERTY	NOMINAL VALUE	SI UNIT		NOMINAL VALUE	ENGLISH UNIT		ASTM TEST METHOD
Melt Flow Rate	1.5	g/10 min.					D 1238
Density	0.90	g/cm ³					D 1505
Tensile							D 638
Yield Strength	23	MPa		3400	psi		
Yield Elongation	18	%		18	%		
Modulus	900	MPa		130	kpsi		
Flexural Modulus	900	MPa		120	kpsi		D 790
Deflection Temperature @ 66 psi / 264 psi	85/45	°C		185/113	°F		D 648
Rockwell Hardness				80	R		D 785
Notched Izod @ 23°C	NB*	J/m		NB*	ft-lb/in		D 256
Gardner Impact @ -18 °C	>36	J		>320	in-lb		D 5420

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Regulatory

FDA regulation 21 CFR 177.1520 (c) 3.1a

UL HB94

*NB = No Break

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