



14030 Gannet Street, Santa Fe Springs, CA 90670
Phone: (562) 921-0444 Fax: (562) 921-0034

Material Data Sheet

Material: *Eporex® HIPS 828*
Generic: *High Impact Polystyrene*
Manufacturer: *Eternal Plastics Co., LTD*

Property	Data	Units	ASTM
GENERAL			
Ratings			
Features	High Flow		
Form	Pellets		
Processing Method	Injection		
Uses			
PHYSICAL			
Melt Flow Rate	13	g/10 min	D-256
Specific Gravity	1.03		D-792
Mold Shrinkage		%	D-955
MECHANICAL			
Flexural Modulus	325700	psi	D-790
Flexural Strength @ Yield	7680	psi	D-790
Tensile Elongation	50	%	D-638
Tensile Strength @ Yield	3120	psi	D-638
IMPACT			
Notched Izod Impact 1/4 in.	1.7	ft-lb/in	D-256
HARDNESS			
Rockwell Hardness	56	L-Scale	D-785
THERMAL			
HDT @264 psi-unannealed	169	°F	D-648
FLAMMABILITY			
Flame Rating - UL	HB		

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