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Material Data Sheet

Material: *GPPC HIPS 333HF*
Generic: *High Impact Polystyrene*
Manufacturer: *Grand Pacific Petrochemical Corporation*

Property	Data	Units	ASTM
GENERAL			
Form	Pellets		
Processing Method	Injection/Profile Extrusion		
PHYSICAL			
Melt Flow Rate	6.0	g/10 min	D-256
Specific Gravity	1.05		D-792
MECHANICAL			
Tensile Strength	4,700 (32.4)	psi (MPa)	D-638
Flexural Strength	6,960 (48.0)	psi (MPa)	D-790
Flexural Modulus	3.16 (2180)	psi x 10 ⁵ (MPa)	D-790
IMPACT			
Notched Izod Impact 1/8 in.	1.9	ft-lb/in	D-256
HARDNESS			
Rockwell Hardness	64	L-Scale	D-785
THERMAL			
Vicat Softening Temp (Unannealed)	216	°F	D-1525
FLAMMABILITY			
Flame Rating - UL	HB		

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