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Material Data Sheet (Preliminary)

Material: *GPPC HIPS 350HF*
Generic: *High Impact Polystyrene*
Manufacturer: *Grand Pacific Petrochemical Corporation*

Property	Data	Units	ASTM
GENERAL			
Form	Pellets		
Processing Method	Injection		
Uses			
PHYSICAL			
Melt Flow Rate	7.7	g/10 min	D-256
Specific Gravity	1.05		D-792
MECHANICAL			
Tensile Modulus		psi x 10 ⁵	D-790
Tensile Elongation	47	%	D-638
Tensile Strength @ Yield	3.0	psi x 10 ³	D-638
IMPACT			
Notched Izod Impact 1/8 in.	1.9	ft-lb/in	D-256
HARDNESS			
Rockwell Hardness	54	M-Scale	D-785
THERMAL			
Vicat Softening Temp	211	°F	D-1525
FLAMMABILITY			
Flame Rating - UL	HB		

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