



**Material Data Sheet: UABS FR3**

**Properties:** Excellent choice for production of fire retardant parts with very good appearance and tough, durable properties, High IZOD impact strength, tensile strength and flexural strength. Meets UL940 requirements at 0.100 inch thickness and meets requirements of FAR 28.853 for flammability.

**Typical Properties: Mechanical Properties**

PROPERTIES	ASTM	UNITS	
Hardness, Shore D	D2240		85D
Specific Gravity	D792	g/cc	1.205
Tensile Strength	D638	psi	7,480
Tensile Modulus	D638	psi	505,965
Compressive Strength @ Yield	D695	psi	13,305
Flexural Strength	D790	psi	14,333
Flexural Modulus	D790	psi	532,035
Elongation	D638	%	4.73
Izod Impact, notched	D256	ft. lb/in	0.076
Heat Deflection Temp	D648	°F	161@66

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