

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.

PHYSICAL PROPERTIES:

| PROPERTIES | ASTM | UNITS | |
|------------------------------|-------|-----------|--------------|
| Hardness, Shore D | D2240 | | 85D |
| Specific Gravity | D792 | g/cc | 1.17 |
| Tensile Strength | D638 | psi | 10,650 |
| Tensile Modulus | D638 | psi | 424,275 |
| Compressive Strength @ Yield | D695 | psi | 15,360 |
| Flexural Strength | D790 | psi | 15,445 |
| Flexural Modulus | D790 | psi | 424,275 |
| Elongation | D638 | % | 24.5 |
| Izod Impact, notched | D256 | ft. lb/in | 1.6 |
| Heat Deflection Temp | D648 | °F | 179 @ 66 psi |