

TexRes GP ABS

TexCo Resin - Acrylonitrile Butadiene Styrene

General Information

Product Description

General Purpose Acrylonitrile Butadiene Styrene

Add "R" for Added Release

Add "U" for UV Stabilizer

Meets GMP.ABS.018R

General

- | | |
|----------|-------------------|
| Features | • General Purpose |
| Uses | • General Purpose |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|----------|-----------------|
| Density / Specific Gravity | 1.04 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | 5.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow (0.125 in) | 6.0E-3 | in/in | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 6100 | psi | ASTM D638 |
| Tensile Elongation (Break) | > 10 | % | ASTM D638 |
| Flexural Modulus | 320000 | psi | ASTM D790 |
| Flexural Strength | 10800 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (73°F, 0.125 in) | 3.0 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 264 psi, Unannealed | 190 | °F | ASTM D648 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | Internal Method |

Notes

¹ Typical properties: these are not to be construed as specifications.