

Alpha PVC 2235L-70

Polyvinyl Chloride
Mexichem Specialty Compounds Inc.

Message:

Alpha's 2235L-70 is a unique, extraction resistant flexible vinyl compound with good elasticity, low temperature performance, and excellent color and property retention after irradiation. Component extraction by lipids, polystyrene, polycarbonate or other fatty materials is extremely low. Phthalate free 2235L-70 meets USP Class VI Biocompatibility testing for disposable medical devices.
Packaging: 50 lb bags or 1500 lb Gaylord boxes

| General Information | | | |
|----------------------------|-------------------------------|-------------------|-------------|
| Features | High elasticity | | |
| | Good color stability | | |
| | Biocompatibility | | |
| Uses | Medical/nursing supplies | | |
| Agency Ratings | USP Class VI Biocompatibility | | |
| RoHS Compliance | Contact manufacturer | | |
| Appearance | Available colors | | |
| | Clear/transparent | | |
| Forms | Cube | | |
| | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.21 | g/cm ³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ASTM D2240 |
| Shaw A, 10 seconds, 3.18mm | 70 | | ASTM D2240 |
| Shaw A, 15 seconds, 6.35mm | 68 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Fracture | 15.8 | MPa | ASTM D638 |
| 100% strain | 7.24 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 330 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -38.0 | °C | ASTM D746 |
| Additional Information | | | |

Graves Tear, ASTM D1004-90: 275 ppiCapillary Rheometer, ASTM 3835-90, 360°F, 100 lb-f, L/D=15 Intrinsic Melt Viscosity: 4420 PoiseBrabender Viscosity, LP176-7, 150°C, 32 rpm, 15 min: 1220 m-g

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Recommended distributors for this material

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