

FLEXALLOY® 9300-85

Teknor Apex Company - Polyvinyl Chloride Elastomer

Saturday, August 24, 2019

General Information

General

| | | | |
|-------------------|---|--|---------------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Features | • Good Thermal Stability • Oil Resistant | • Recyclable Material • Ultra High Molecular Weight | • Weather Resistant |
| Uses | • Coating Applications • Hose | • Seals • Tool/Tote Box | • Tubing |
| Forms | • Pellets | | |
| Processing Method | • Extrusion | • Injection Molding | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--------------------------------------|---------------|------|-------------|
| Density / Specific Gravity | 1.28 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 2850 | psi | ASTM D638 |
| Tensile Elongation (Break) | 370 | % | ASTM D638 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 15 sec) | 85 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Continuous Use Temperature | 221 | °F | ASTM D794 |
| Brittleness Temperature | -38.2 | °F | ASTM D746 |

Notes

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

Revision Date: 12/12/2013

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