

APEX® RM 8114

Teknor Apex Company - Rigid Polyvinyl Chloride

Thursday, August 29, 2019

General Information

General

| | | | |
|-----------------|--|-----------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Africa & Middle East • Asia Pacific | • Europe • Latin America | • North America |
| Features | • High Impact Resistance | | |
| Agency Ratings | • UL 94 V0 | | |
| Forms | • Pellets | | |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|----------|-------------|
| Density / Specific Gravity | 1.31 | | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 360000 | psi | ASTM D638 |
| Tensile Strength (Break) | 6330 | psi | ASTM D638 |
| Flexural Modulus | 355000 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (73°F, 0.125 in) | 14 | ft-lb/in | ASTM D256 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 10 sec) | 80 | | ASTM D2240 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 264 psi, Unannealed | 152 | °F | ASTM D648 |

Notes

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

Revision Date: 12/12/2013

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