



APEX® 89-P377-A

Teknor Apex Company - Flexible Polyvinyl Chloride

Wednesday, August 28, 2019

| General Information | | | | | |
|---------------------|---|--|---------------|--|--|
| General | | | | | |
| Material Status | Commercial: Active | | | | |
| Availability | Africa & Middle East Asia Pacific | EuropeLatin America | North America | | |
| Features | General Purpose | Medium Gloss | | | |
| Uses | Profiles | | | | |
| UL File Number | • E54709 | | | | |
| Forms | • Pellets | | | | |
| Processing Method | Extrusion | | | | |

| ASTM & ISO Properties ¹ | | | | |
|--------------------------------------|---------------|------|-------------|--|
| Physical | Nominal Value | Unit | Test Method | |
| Density / Specific Gravity | 1.31 | | ASTM D792 | |
| Mechanical | Nominal Value | Unit | Test Method | |
| Tensile Strength (Break) | 3230 | psi | ASTM D638 | |
| Tensile Elongation (Break) | 360 | % | ASTM D638 | |
| Hardness | Nominal Value | Unit | Test Method | |
| Durometer Hardness (Shore A, 15 sec) | 90 | | ASTM D2240 | |
| Thermal | Nominal Value | Unit | Test Method | |
| Continuous Use Temperature | 140 | °F | ASTM D794 | |
| RTI Elec (0.06 in) | 122 | °F | UL 746 | |
| RTI Imp (0.06 in) | 122 | °F | UL 746 | |
| RTI Str (0.06 in) | 122 | °F | UL 746 | |
| Electrical | Nominal Value | Unit | Test Method | |
| Dielectric Constant (1 kHz) | 4.71 | | ASTM D150 | |
| Flammability | Nominal Value | Unit | Test Method | |
| Flame Rating (0.06 in, ALL) | НВ | | UL 94 | |
| Oxygen Index | 25 | % | ASTM D2863 | |

Additional Information

Data Sheet Applies to Color(s) Listed Below:

Black (0727239)

Natural (0708205)

Notes

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchasers assume all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described.

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