



# Halguard® XL 60002 XRD

Teknor Apex Company - Polyolefin

## General Information

### General

|                      |                                                                                                                                                                                                                                      |                                                                                          |                                                     |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Material Status      | • Commercial: Active                                                                                                                                                                                                                 |                                                                                          |                                                     |
| Availability         | • Africa & Middle East<br>• Asia Pacific                                                                                                                                                                                             | • Latin America<br>• North America                                                       |                                                     |
| Features             | • Electrically Insulating<br>• Filled<br>• Flame Retardant<br>• Good Electrical Properties                                                                                                                                           | • Halogen Free<br>• Irradiation Crosslinkable<br>• Low Smoke Emission<br>• Oil Resistant | • Sunlight Resistant (720 hours)<br>• UV Stabilized |
| Uses                 | • LSZH Insulation                                                                                                                                                                                                                    | • LSZH Jacketing                                                                         |                                                     |
| Agency Ratings       | • UL 94                                                                                                                                                                                                                              |                                                                                          |                                                     |
| Regulatory Statement | • Due to the frequent updates to regulations, specifically, California Proposition 65, EU REACH SVHCs, and RoHS, please contact Teknor Apex for the most up to date compliance statement, or refer to section 15 of the product SDS. |                                                                                          |                                                     |
| Appearance           | • Black                                                                                                                                                                                                                              | • Colors Available                                                                       | • Natural Color                                     |
| Forms                | • Pellets                                                                                                                                                                                                                            |                                                                                          |                                                     |
| Processing Method    | • Wire & Cable Extrusion                                                                                                                                                                                                             |                                                                                          |                                                     |

## ASTM & ISO Properties<sup>1</sup>

| Physical                         | Nominal Value | Unit | Test Method |
|----------------------------------|---------------|------|-------------|
| Density / Specific Gravity       | 1.50          |      | ASTM D792   |
| Mechanical                       | Nominal Value | Unit | Test Method |
| Tensile Strength (Break)         | 1360          | psi  | ASTM D638   |
| Tensile Elongation (Break)       | 220           | %    | ASTM D638   |
| Hardness                         | Nominal Value | Unit | Test Method |
| Durometer Hardness               |               |      | ASTM D2240  |
| Shore D, 10 sec, Hand Held       | 41            |      |             |
| Shore D, 10 sec, Operating Stand | 38            |      |             |

### Additional Information

Data Sheet Applies to Color Listed Below:  
Natural (1007057)

7/24-lc

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.