



## HERAFLEX® E 7722

Radici Plastics - Thermoplastic Copolyester Elastomer

Tuesday, July 29, 2008

### General Information

#### Product Description

TPC-ET Thermoplastic Elastomer. High Modulus, Nominal Shore D/15s 69. Natural colour

#### General

|                 |                        |                 |                 |
|-----------------|------------------------|-----------------|-----------------|
| Material Status | • Commercial: Active   |                 |                 |
| Availability    | • Africa & Middle East | • Europe        | • South America |
|                 | • Asia Pacific         | • North America |                 |
| Features        | • High Stiffness       |                 |                 |
| Appearance      | • Natural Color        |                 |                 |
| Forms           | • Pellets              |                 |                 |

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

| Physical                                 | Nominal Value Unit     | Test Method |
|--|------------------------|-------------|
| Density                                  | 1.25 g/cm <sup>3</sup> | ISO 1183    |
| Impact                                   | Nominal Value Unit     | Test Method |
| Charpy Notched Impact Strength (23 °C)   | 30.0 kJ/m <sup>2</sup> | ISO 179/eA  |
| Charpy Unnotched Impact Strength (23 °C) | No Break               | ISO 179/eU  |
| Hardness                                 | Nominal Value Unit     | Test Method |
| Shore Hardness (Shore D, 15 sec)         | 69                     | ISO 868     |
| Thermal                                  | Nominal Value Unit     | Test Method |
| Vicat Softening Temperature              | 211 °C                 | ISO 306/B50 |
| Melting Temperature (DSC)                | 220 °C                 | ISO 3146    |
| Electrical                               | Nominal Value Unit     | Test Method |
| Comparative Tracking Index               | 600 V                  | IEC 60112   |
| Flammability                             | Nominal Value Unit     | Test Method |
| Flame Rating - UL (1.60 mm)              | HB                     | UL 94       |

#### Additional Properties

The value listed as Melting Temperature, ISO 3146, was tested in accordance with ISO 11357-1-3 at a heating rate of 10°C/min.  
Abrasion Resistance, ISO 4649: 39 mm<sup>3</sup>

#### Notes

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