



**Product Data Sheet &
General Processing Conditions**

**RTP 2800 B-85A HF UV
Thermoplastic Polyolefin Elastomer (TEO)
UV Stabilized**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

| PERMANENCE | English | SI Metric | ASTM TEST |
|------------------------------------|-----------------|------------------|------------------|
| Specific Gravity | 1.03 | 1.03 | D 792 |
| Melt Flow Rate @ 204 °C, / 5 kg | 125.00 g/10 min | 125.00 g/10 min | D 1238 |

MECHANICAL

| | | | |
|---|-----------|-----------|--------|
| Tensile Strength Break, Die C, 0.125 in, 20 in/min (3.2mm, 500 mm/min) | 1310 psi | 9 MPa | D 412 |
| Tensile Elongation Break, 20 in/min (500 mm/min) | 530.0 % | 530.0 % | D 412 |
| Tensile Stress Die C 0.125 in, 20 in/min (3.2 mm, 500 mm/min) @ 100 % | 795.0 psi | 5.5 MPa | D 412 |
| Tear Strength, Die C | 235.0 pli | 41.2 N/mm | D 624 |
| Hardness Shore A, 10 s delay | 90 | 90 | D 2240 |

PROPERTY NOTES

Data herein is typical and not to be construed as specifications.
Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

GENERAL PROCESSING FOR INJECTION MOLDING

| | English | SI Metric |
|------------------|----------------|------------------|
| Melt Temperature | 360 - 410 °F | 182 - 210 °C |
| Mold Temperature | 60 - 150 °F | 16 - 66 °C |
| Drying | 2 hrs @ 175 °F | 2 hrs @ 79 °C |
| Moisture Content | 0.03 % | 0.03 % |
| Dew Point | 0 °F | -18 °C |