

## RT 2315

**DESCRIPTION:** Ethylene copolymer and FDA compliant\*.

**FEATURES:** Balance of heat resistance, flexibility and stiffness, good wetting, and medium open time.

**APPLICATIONS:** Component of hot melt adhesives, sealants, and specialty products.

| PROPERTIES                                       | TEMP °C | NOMINAL VALUE | SI UNIT | TEMP °F | NOMINAL VALUE | ENGLISH UNIT | ASTM TEST METHOD  |
|--|---------|---------------|---------|---------|---------------|--------------|-------------------|
| Melt Viscosity                                   | 149     | 4300          | MPa s   | 300     | 4300          | cps          | D 3236            |
|  | 163     | 2800          | MPa s   | 325     | 2800          | cps          | D 3236            |
|  | 177     | 2000          | MPa s   | 350     | 2000          | cps          | D 3236            |
|  | 190     | 1500          | MPa s   | 375     | 1500          | cps          | D 3236            |
|  | 204     | 1100          | MPa s   | 400     | 1100          | cps          | D 3236            |
| Needle Penetration                               | 25      | 25            | 1/10 mm |         |               |              | D 1321            |
| Tensile Strength                                 | 23      | 0.57          | MPa     | 73      | 83            | psi          | D 638             |
| Softening Point by Ring and Ball                 |         | 138           | °C      |         | 280           | °F           | E 28              |
| Shear Adhesion Failure Temp. (SAFT), Kraft/Kraft |         | 101           | °C      |         | 214           | °F           | Huntsman Method** |
| Glass Transition, Tg                             |         | -29           | °C      |         | -20           | °F           | D 3417            |
| Open Time, Kraft/Kraft                           | 25      | 20            | seconds |         |               |              | Huntsman Method** |
| Flashpoint, COC                                  |         | >235          | °C      |         | >450          | °F           | D 93              |
| Solid Density                                    | 25      | 0.86          | g/cc    |         |               |              | D 792             |
| Melt Density                                     | 190     | 0.74          | g/cc    | 375     | 6.17          | lbs/gal      | Huntsman Method** |

\* This product conforms to FDA regulation 21 CFR 175.105

\*\* Available upon request

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