



Technical Data Sheet

Grade

MWR PPC 8235

Product Description:

Polypropylene Copolymer High Flow

| Physical Properties | Method | English | SI |
|--|--------|--------------|-----------------|
| Specific Gravity | D 792 | - | 0.905 |
| Melt Flow Rate (230/2.16) | D 1238 | - | 35 g/10 minutes |
| Linear Mold Shrinkage (Typical) | D 955 | 0.014 in/in | 0.014 mm/mm |
| Mechanical Properties | Method | English | SI |
| Tensile Strength at Yield | D 638 | 3300 psi | 22.76 Mpa |
| Tensile Elongation at Yield | D 638 | 12 % | 12 % |
| Flexural Modulus (Tangent) | D 790 | 140000 psi | 970 Mpa |
| Izod Impact (notched) | D 256 | 2.0 ft-lb/in | 110 J/m |
| Thermal Properties | Method | English | SI |
| Heat Deflection Temperature at 66 psi | D 648 | 180 F | 82 C |
| Heat Deflection Temperature at 264 psi | D 648 | 125 F | 52 C |
| Processing (Injection Molding) | | English | SI |
| Drying Temperature | | 175 F | 79 C |
| Drying Time | | 4 hrs | 4 hrs |
| Max Moisture Content | | % | 0.00 % |
| Rear Barrel Temperature | | 400 F | 204 C |
| Middle Barrel Temperature | | 410 F | 210 C |
| Front Barrel Temperature | | 420 F | 216 C |
| Nozzle Temperature | | 420 F | 216 C |
| Stock Temperature | | 420 F | 216 C |
| Mold Temperature | | 100 F | 38 C |

Comments:

Drying generally not required

Values shown are averages and not to be construed as specifications.

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