

Technical Data Sheet

***Icorene* FPE2A10NA**



Polyethylene, Unspecified

**Product Description**

Fractional Flow Material

|                             |                          |
|-----------------------------|--------------------------|
| <b>Attribute</b>            | Medium Impact Resistance |
| <b>Forms</b>                | Pellets                  |
| <b>Filler/Reinforcement</b> | Glass Fiber, 10%         |

| <b>Typical Properties</b>                     | <b>Nominal Value</b> | <b>Units</b>      | <b>Test Method</b> |
|---|----------------------|-------------------|--------------------|
| <b>Physical</b>                               |                      |                   |                    |
| Melt Flow Rate, (190 °C/2.16 kg)              | 0.050                | g/10 min          | ASTM D1238         |
| Density - Specific Gravity                    | 1.25                 | g/cm <sup>3</sup> | ASTM D792          |
| <b>Mechanical</b>                             |                      |                   |                    |
| Tensile Strength at Yield, (51 mm/min, 23 °C) | 32.8                 | MPa               | ASTM D638          |
| Flexural Modulus, (1.3 mm/min)                | 1850                 | MPa               | ASTM D790          |
| <b>Impact</b>                                 |                      |                   |                    |
| Notched Izod Impact, (23 °C, 3.18 mm)         | 470                  | J/m               | ASTM D256          |