

Aspect HDPE PCR MC 47



| General | |
|-------------------|---------------|
| Availability | Global |
| Processing Method | Blow Molding |
| Description | 100% PCR HDPE |
| Color | Mixed |

| Properties | Typical Value | Unit | Test Method |
|---------------------------------|---------------|----------|-------------|
| Melt Flow Rate (190° C/2.16 kg) | 0.47 | g/10 min | ASTM D1238 |
| Density | 0.959 | g/cm3 | ASTM D792 |
| Tensile Strength at Yield | 24 | MPa | ASTM D638 |
| Tensile Strength at Break | 14 | MPa | ASTM D638 |
| Strain at Yield | 7 | % | ASTM D638 |
| Strain at Break | 124 | % | ASTM D638 |
| Elasticity Modulus (Secant 1%) | 1175 | Mpa | ASTM D638 |
| Flexural Modulus (Secant 1%) | 1220 | Mpa | ASTM D790 |
| Izod Impact Strength | 56 | J/m | ASTM D256/A |
| ESCR (100% Igepal) | 13 | h | ASTM D1693 |

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

www.theaspectcompany.com

(631) 629-4520

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