

Axiall 9202J Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 9202J is suitable for all types of food packaging. The compound provides low taste and odor properties and contains an ultraviolet light stabilizer which protects light sensitive products. Information provided by Georgia Gulf Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-9202J-Rigid-PVC-Molding.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|------------|
| Specific Gravity | 1.29 g/cc | 1.29 g/cc | ASTM D-792 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------------------|----------------------------|-------------|
| Tensile Strength, Yield | 41.4 MPa | 6000 psi | ASTM D-638 |
| Tensile Modulus | 2.41 GPa | 350 ksi | ASTM D-638 |
| Flexural Strength | 69.6 MPa | 10100 psi | ASTM D-790 |
| Flexural Modulus | 2.24 GPa | 325 ksi | ASTM D-790 |
| Izod Impact, Notched | 7.47 J/cm | 14.0 ft-lb/in | ASTM D-256 |
| | @Thickness 6.35 mm | @Thickness 0.250 in | |
| Tensile Impact Strength | 10.7 J/cm | 20.0 ft-lb/in | ASTM D-256 |
| | @Thickness 3.17 mm | @Thickness 0.125 in | |
| Tensile Impact Strength | 178 kJ/m ² | 85.0 ft-lb/in ² | ASTM D-1822 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 60.0 °C | 140 °F | ASTM D-648 |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------------------|---------------------|--------------------------------|
| Haze | 6.0 % | 6.0 % | pressed plaque; ASTM D-1003-61 |
| | @Thickness 3.17 mm | @Thickness 0.125 in | |
| Transmission, Visible | 76 % | 76 % | pressed plaque; ASTM D-1003-61 |
| | @Thickness 3.17 mm | @Thickness 0.125 in | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
|------------------------|-------|----------|

| Bottle Means Failure Height, ft Descriptive Properties | 15+ Value | Vertical Free Fall; 30-g., 16-oz. cylinders Comments |
|---|--------------|---|
| Equilibrium Torque, meter-grams | 1450 | Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57-g. Charge; 60/43 rpm |
| Stability Time, minutes | 22 | |

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