

Fainplast Compounds RST 0447/1 Rigid PVC, Extrusion Lead Free

Category : Polymer , Thermoplastic , Vinyl (PVC) , PVC, Extruded

Material Notes:

Extrusion transparent films

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fainplast-Compounds-RST-04471-Rigid-PVC-Extrusion-Lead-Free.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------------------------|------------|
| Density | 1.32 - 1.36 g/cc | 0.0477 - 0.0491 lb/in ³ | ISO R 1184 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|---|---|-----------|
| Tensile Strength at Break | 41.0 MPa | 5950 psi | ISO R 527 |
| Tensile Strength, Yield | 43.0 MPa | 6240 psi | ISO R527 |
| Elongation at Break | 130 % | 130 % | ISO R 527 |
| Izod Impact, Unnotched | 0.600 - 1.00 J/cm @Temperature 23.0 Â°C | 1.12 - 1.87 ft-lb/in @Temperature 73.4 Â°F | ISO R180 |

| Thermal Properties | Metric | English | Comments |
|-----------------------|----------------------------------|--------------------------------|----------|
| Vicat Softening Point | 52.0 - 54.0 Â°C @Load 5.00 kg | 126 - 129 Â°F @Load 11.0 lb | ISO R306 |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------------|
| Transmission, Visible | 90 % | 90 % | transparent; thickness not quantified |

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