

## Fainplast Compounds GS 55/KSN Flexible PVC, Injection Molding for Transparent Technical Items

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

**Material Notes:**

Cupping-glasses

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Fainplast-Compounds-GS-55KSN-Flexible-PVC-Injection-Molding-for-Transparent-Technical-Items.php](http://www.lookpolymers.com/polymer_Fainplast-Compounds-GS-55KSN-Flexible-PVC-Injection-Molding-for-Transparent-Technical-Items.php)

Physical Properties	Metric	English	Comments
Density	1.14 - 1.18 g/cc	0.0412 - 0.0426 lb/in <sup>3</sup>	ISO R 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	53 - 57	53 - 57	ISO R 868
Tensile Strength at Break	10.0 MPa	1450 psi	ISO R 527
Elongation at Break	400 %	400 %	ISO R 527

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-50.0 °C	-58.0 °F	

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

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