



# Polycom - IM 1

## For PVC Applications

### PROVISIONAL TECHNICAL DATA SHEET

**Polycom-IM 1** works as impact modifier and excellent bonding agent for PVC industries. It smoothenes the process and improves the mechanical properties.

#### Compatibility

**Polycom-IM 1** is compatible with PVC.

#### Applications

**Polycom-IM 1** has been developed to enhance the properties of PVC Pipes, PVC Fittings, PVC Profiles, PVC Panels, PVC Foamboards, PVC Sheets and other PVC Application.

#### Regulatory Information

The grade incorporated in it complies with the US FDA-177.1630. **Polycom-IM 1** is blend of speciality Elastomers, Micro Calcium, Coupling Agents and Additives. **Polycom-IM 1** is available in Powder Form.

#### Storage Recommendations

Bags should be stored in dry / closed conditions at temperatures below 50°C and protected from direct sunlight.

| PROPERTY                                    | ASTM TEST METHOD | VALUE   | UNIT              |
|---|------------------|---------|-------------------|
| MFI   | D 3364           | 7       | GM/10MIN.         |
| Heat Deflection Temperature ( at 0.45 Mpa ) | D 648            | 100.4   | °C                |
| Specific Gravity                            | D 792            | 0.53    | —                 |
| Bulk Density                                |                  | 0.325   | G/CM <sup>3</sup> |
| Flexural Modulus                            | D 256            | 1.544   | Mpa               |
| Tensile Strength at Yield                   | D638             | 108.868 | kg/sq. cm         |



**Omega Plasto**  
LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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