

# POLYCOMPO PP E513Z

Polypropylene  
POLYCOMPO Co.,Ltd.

Message:  
POLYCOMPO PP E513Z is a Polypropylene product. It can be processed by extrusion and is available in Asia Pacific.

| General Information                                |               |                   |             |
|----------------------------------------------------|---------------|-------------------|-------------|
| Features                                           | Soft          |                   |             |
| Forms                                              | Pellets       |                   |             |
| Processing Method                                  | Extrusion     |                   |             |
| Physical                                           | Nominal Value | Unit              | Test Method |
| Density                                            | 0.910         | g/cm <sup>3</sup> | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)          | 3.5           | g/10 min          | ISO 1133    |
| Hardness                                           | Nominal Value | Unit              | Test Method |
| Rockwell Hardness (R-Scale)                        | 65            |                   | ISO 2039-2  |
| Mechanical                                         | Nominal Value | Unit              | Test Method |
| Tensile Modulus                                    | 1150          | MPa               | ISO 527-2   |
| Tensile Stress (Yield)                             | 27.0          | MPa               | ISO 527-2   |
| Tensile Strain (Break)                             | 200           | %                 | ISO 527-2   |
| Impact                                             | Nominal Value | Unit              | Test Method |
| Charpy Notched Impact Strength                     |               |                   | ISO 179     |
| -20°C                                              | 6.0           | kJ/m <sup>2</sup> |             |
| 23°C                                               | 35            | kJ/m <sup>2</sup> |             |
| Thermal                                            | Nominal Value | Unit              | Test Method |
| Heat Deflection Temperature (0.45 MPa, Unannealed) | 85.0          | °C                | ISO 75-2/B  |

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