

# EP200M

## Heterophasic copolymer

**Description:**

EP200M is a heterophasic copolymer, suitable for injection molding applications. The product exhibits very high impact even at low temperatures combined with medium rigidity. EP200M is typically used in toys, household appliances and technical articles.

**Features:** Very high impact resistance, Medium rigidity

**Suitable for:** Injection molding

**Typical Applications**

- Toys
- Household appliances
- Technical articles

**Product Specification**

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Melt Flow Rate (230 °C, 2.16 kg)	8.0	g/10 min	ISO 1133
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Tensile Modulus	900	MPa	ISO 527-1, -2
Tensile strength at Yield	19	MPa	ISO 527-1, -2
Tensile Elongation at Break	50	%	ISO 527-1, -2
Tensile elongation at Yield	6	%	ISO 527-1, -2
Charpy impact strength (notched)			ISO 179
23 °C	58	kJ/m <sup>2</sup>	
0 °C	12	kJ/m <sup>2</sup>	
-30 °C	9	kJ/m <sup>2</sup>	
Ball indentation hardness (H 358/30)	40	MPa	ISO 2039-1
Vicat softening point A50	138	°C	ISO 306
H.D.T.B (0.45 MPa)	72	°C	ISO 75B-1, -2
Gloss (60°)	65	----	DIN 67530

\* Typical values; not to be considered as product specification.