



ARISA-CM72

Mineral Filled Polypropylene

Arisa Baspar Pars

Product Description

ARISA-CM72 is mineral filled Co-polypropylene with good flow characteristics. Addition of filler improves stiffness, hardness and heat resistance. This grade is used in automotive applications, especially dashboard. It is used for the injection moulding of stiff.

Characteristics

- **Material Status:** Commercial: Active
- **Form:** Pellets
- **Color:** Natural
- **Filler/Reinforcement:** Mineral Filler
- **Processing Method:** Injection moulding

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
Mechanical properties			
Tensile			
Tensile modulus	2200	MPa	ISO 527/1A
stress at yield	23	MPa	ISO 527/1A
stress at break	17	MPa	ISO 527/1A
strain at break	75	%	ISO 527/1A
Flexural test			
Flexural modulus	2200	MPa	ISO 178/1A
impact			
Izod impact notched			
at 23 °C	10	kJ/m ²	ISO 180/1A

at 0 °C	6	kJ/m ²	ISO 180/1A
at -20 °C	3.5	kJ/m ²	ISO 180/1A
Thermal properties			
Heat deflection temperature			
at 0.45 MPa (HDT/B)	115	°C	ISO 75
Vicat Softening Temperature			
B(50N)	138	°C	ISO 306
Polymer properties			
Melt flow rate (MFR)			
at 230 °C and 2.16 kg	5	g/10min	ISO 1133
Density	1.1	g/cm ³	ISO 1133
Mould shrinkage			
24 hours after injection moulding	1	%	
Hardness			
Shore D	65		ISO 868