

ISO 1183

KEPITAL® SL-20

laser-marking grade

Density

KEPITAL® SL-20 is a laser-marking grade for general injection molding. Suitable for part requiring various colors by using color M/B. Similar mechanical property compared to standard POM.

Rheological properties

Moulding shrinkage, parallel	2.0 9	%	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min Nominal strain at break Flexural Modulus Flexural Strength Charpy notched impact strength, 23°C	34 S 2450 I 82 I		ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Electrical properties Electric strength	19	kV/mm	IEC 60243-1
Other properties			

1400 kg/m³

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