

Celanese AMCEL[®] KP20

Celanese AMCEL KP20, a copolymer polymer with medium viscosity.

Physical property		Standard	Value	Unit
Density		ISO 1183	1410	kg/m ³
Melt Index		ISO 1133	8	cm ³ /10min
Hardness		Standard	Value	Unit
Ball Indentation Hardness	H358/30 30s	ISO 2039	144	N/mm ²
Mechanical behavior		Standard	Value	Unit
Tensile Modulus	1.0mm/min	ISO 527	2850	MPa
Tensile Strength	Yield 50mm/min	ISO 527	64	MPa
Elongation	Yield 50mm/min	ISO 527	9	%
Elongation	Yield 50mm/min	ISO 527	30	%
Charpy Notch Impact	23°C	ISO 179	65	kJ/m ²
Thermal		Standard	Value	Unit
Vicat Softening Temperature	50°C/hr 50N	ISO 306	150	°C
Melting Temperature	10°C/min	ISO 11357	166	°C