

Celanese Amcel® KP30

Celanese AMCEL KP30 is a copolymer polymer with low viscosity.

Physical property		Standard	Value	Unit
Density		ISO 1183	1.41	g/cm³
Melt Index		ISO 1133	27	g/10min
Melt Index		ISO 1133	25	cm³/10min
Mechanical behavior		Standard	Value	Unit
Tensile Modulus		ISO 527	392000	psi
Tensile Strength	Yield	ISO 527	9430	psi
Flexural Modulus	23°C	ISO 178	370000	psi
Charpy Notch Impact	23°C	ISO 179	2.4	ft·lb/in²
Thermal		Standard	Value	Unit
HDT	Unannealed 1.8MPa	ISO 75	203	°F
Melting Temperature	DSC	ISO 3146	331	°F
Injection molding			Value	Unit
Melt Temperature			365~383	°F
Mould Temperature			176~194	°F