



Thermoplastic Compounds

Standard Grades

Cevian

Cevian N SAN
Cevian MAS MS
Cevian V ABS
Cevian / Flame retardant ABS

Halogen-free

flame retardant plastics

Novalloy

Novalloy A PA/ABS
Novalloy B PBT/ABS
Novalloy B Enhanced surface
appearance grades
Novalloy S PC/ABS
Novalloy E Long lasting
anti-static resins
Novalloy C PC/Polyster resins

Daicel PP

Applications

Products with special function

Daicel Polymer Ltd.

Daicel PP

Daicel PP

[\[Properties \]](#) [HTML](#)

Thermoplastic compounds based on PP. Talc, GF, or other filler reinforced grades, extrusion grades, flame-retardant grades, are available.

Custom-making for specific requirements is also possible. Please contact us.

Talc reinforced grades

- Rigidity and heat resistance enhanced with 10-40% talc.
- Various grades tailored for specific requirements, high flowability grades, high impact strength grades, and extrusion grades, are available.
- For food package usage, please contact us.

GF reinforced grades

- Rigidity and heat resistance enhanced with GF.
- GF and mica combined and dimensionally stable grades are also available.

Flame retardant grades

- UL94 V-2, V-0, halogen-free FR grades are available.

Conductive grades

- Electrically conductive.
- Suitable for IC-trays.

[Typical Settings of Processing]

Grades	Preliminary drying	Barrel temperature (℃)				Screw rotation (rpm)	Back pressure (MPa)	Mold temperature (℃)
		Nozzle	C3	C2	C1			
Talc reinforced GF-reinforced Conductive	3-5 hrs 80-120℃	180-230	180-230	160-210	140-190	70-90	5-20	40-60
Flame retardant	3-5 hrs 80-120℃	180-220	180-220	160-200	140-180	70-90	5-20	40-60

Remarks

PP originally does not absorb water, however, please be sure that preliminary drying is necessary to get excellent surface appearance of moldings.

Without preliminary drying, silver streaks often arise especially in molding of the flame retardant grades.

Please note long hours molding at high temperature often causes degradation of plastics and resultant unevenness of color of moldings.

*"CELPURGE MA2" is recommendable for purging of Daicel PP.

For purging of filled grades or carbonized contamination, "CELPURGE AW2 / high cleaning type" or "CELPURGE AG4 / super cleaning type" is especially recommendable.

[MSDS / Properties](#)