



PT. Takhta Sinar Mulia

Plastic and Rubber Manufacturing Specialist

Budi Indah Jln Dieng 3 Blok E3 No 12A, RT08/RW07, Daan Mogot KM18,
Tangerang-Banten

TECHNICAL DATA SHEET

HALOGEN FREE FLAME RETARDANT COMPOUND

PPFR CP 38

PPFR CP 38 is a specialty compound that is developed to meet product performance and processing requirements not served by standard grades.

DESCRIPTION

PP, Flame Retardant, Natural Color

PROPERTIES	TEST METHOD	UNIT	TEST CONDITION	TYPICAL VALUE
PHYSICAL				
SPECIFIC GRAVITY	ASTM D792	-	23°C	1.04
MELT INDEX	ASTM D1238	g/10 min	230°C, 2.16 kg	7
MECHANICAL				
TENSILE STRENGTH (YIELD)	ASTM D638	kg/cm ²	50 mm / min	160
FLEXURAL MODULUS	ASTM D790	kg/cm ²	30 mm / min	15,000
THERMAL				
FLAMMABILITY	UL 94	CLASS	1.5 mm	V-0
PROCESSING GUIDE (INJECTION MOLDING)				
NOZZLE TEMPERATURE		°C		200-230
MOLD TEMPERATURE		°C		50-60
DRYING TEMPERATURE		°C		80
DRYING TIME		hr		2-4

APPLICATION

Home Appliance

- Rice Cooker PCB Case
- Fliter PCB Case
- Refrigerator PCB Case

Automobile

- EV Socket
- FPCB Cover
- EV Battery Insulation Cover & Bottom

Industrial Plastic

- Deco Sheet
- Pipe & Fitting
- Electricity Meter Box

PACKAGING

Product is packed in 25 kg PE bags.