



Plastic & polymer additives and solution supplier
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Technical Data Sheet

ProFlame[®] KD200

ProFlame-KD200 is chemically modified PTFE. By addition it into thermoplastic compound formula, the plastics will have enhanced anti-dripping property to meet UL V0 and V1 standard. At one time, CTI will be enhanced in special material. It is a kind of flame retardant synergistic agent and can be coordinated with various FR, including P, Br, Si, F, Sulfonate, N etc. Compared with pure PTFE. KD-200 has excellent dispersity and easy handling features.

Technical Data:

Items	Spec
Appearance	White free-flowing powder
PTFE Content,%	50±3
Moisture,%	≤0.035
Bulk density,g/ml	≤0.7

Recommended dosage:

Apply to many kinds of thermoplastic compound formula, including PBT, ABS, PC, PC/ABS HIPS, PA and alloys, details are as follow:

- ▶ PBT (0.2-0.5%), upgrade the flame retardant rating and CTI;
- ▶ ABS (0.1-0.2%), reduce the amount of bromide (Br) and antimony (Sb) in flame retardant system, improve impact strength;
- ▶ PC (0.1-0.5%), prevent dripping, upgrade the flame retardant rating;
- ▶ PC/ABS (0.2-0.3%), compound with BDP/RDP, prevent dripping, upgrade the flame retardant rating;
- ▶ HIPS (0.2-0.3%), prevent dripping, upgrade the flame retardant rating;
- ▶ PA (0.2-0.3%), prevent dripping, upgrade the flame retardant rating;
- ▶ PE/PP (0.2-0.5%), prevent dripping, upgrade the flame retardant rating.

Package & Storage:

Net weight 25KG cardboard drum with PE liner bag.

Minimum shelf life is 12 months stored in a dry and ventilated warehouse.

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