



PRODUCT

Hiromaster R-103 (HM R-103)

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Hiromaster R-103 is flame retardant for polycarbonate and can achieve UL 94 V-0 rating with quite lower loading level while retaining transparency.



COMPOSITION

Lactone modified compound of potassium perfluorobutane sulfonate (PFBSK)

ADVANTAGE

Conventional PFBSK is needed use of PC resin with processing at higher temperature due to the poor dispersion to produce masterbatch.

Hiromaster R-103 is PFBSK modified with compatible lactone compound and enhance dispersion.

PROPERTIES

Appearance	White Powder or Flake
Softening Point	ca. 65°C
Specific Gravity	ca. 1.47g/ml
Volatiles	≤ 0.5%

APPLICATION

Polycarbonate

PACKAGE

10kg net cardboard box



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FORMULATION

PC Resin	99.95	99.90	99.85	99.80
Hiromaster R-103	0.05	0.10	0.15	0.20
UL94 3.0mm	V2	V0	V0	V0
2.0mm	V2	V2	V2	V0



Hiromaster R-103 Formulation

Brominated FR/Sb₂O₃ Formulation