technical datasheet

LH-6609

Laser Sensitive Pigment

CHEMICAL COMPOSITION:	wt%
Modified inorganic composite compound	> 85wt%
FORM:	Dry, free-flowing powder
PACK SIZES:	250 g, 1 kg, 25 kg
COLOR:	Bluish grey
PARTICLE SIZE: (laser diffraction measurement)	D90 < 10 µm
DENSITY: (ISO 787-10)	4.0 – 4.5 g/cm3
BULK DENSITY: (ISO 3923-2)	40~70 g/100cm3
OIL ABSORPTION: (ISO 787-5)	35~50 g/100g
HEAT STABILITY:	Stable in all polymers under normal processing conditions
WATER SOLUBILITY:	Practically insoluble
pH VALUE: (ISO 787-9)	8~12
DOSAGE:	0.3 -0.6%

It is especially recommended for technical aliphatic polymers (PA, POM), but can also be used in all other polymers to create dark markings. It also shows a very good performance in transparent silicone rubber.