

Milliken® KeyPlast® MPC Channel Black

TECHNICAL DATA

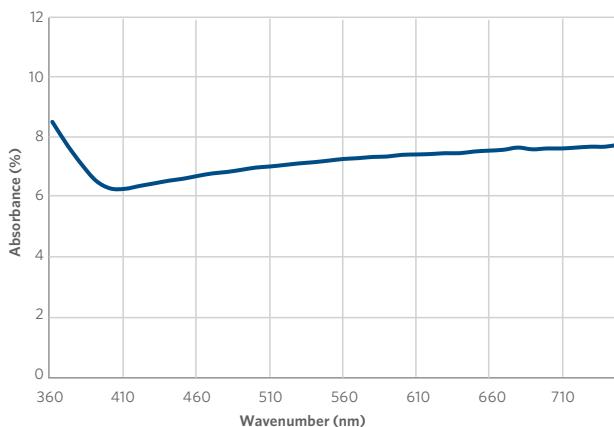
KeyPlast® MPC Channel Black is a carbon black colorant for plastics compounding, inks and coatings. It is made solely from "stripped" natural gas by the impingement process.

Identification Information

CI Name	Colorant Black 7
CI Number	77266
Registration	CAS: 1333-86-4 EINICS: 215-609-9
Chemical Family	Carbon Black
Hue	Jet Black

Chemical Information

PROPERTY	DATA
Bulk Density	0.452 g/cm³
Melt Point	>900° C.
Molecular Weight	12.01
Hiding Power	Opaque
Sublimation	No sublimation
pH	3.7 - 4.5

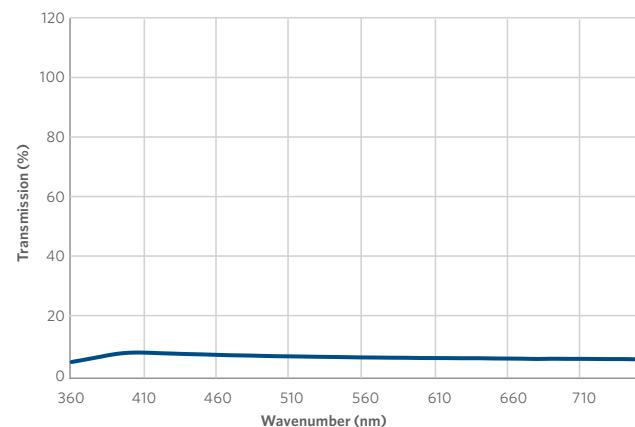


Additional Chemical Information

PROPERTY	DATA
CTAB Surface	90 - 100 (m²/g)
Particle Size	D_{v,0.90} 384 microns
Nitrogen Adsorption	<150 m²/g
Heating Loss @ 105°C	2.0% Max.
Ash Content	0.05% Max.
Sieve Residue: 014	0.004% Max.

Polymer Compatibility

PROPERTY	TOLERANCE	LIGHT	HEAT
ABS	YES	8	5
ACRYLIC	YES	8	5
CELLULOSIC	YES	8	5
POLYAMID	YES	8	5
POLYCARBONATE	YES	8	5
POLYETHYLENE	YES	8	5
POLYESTER	YES	8	5
POLYSTYRENE	YES	8	5
POLYPROPYLENE	YES	8	5
POLYURETHANE	YES	8	5
FLEX PVC / R-PVC	YES	8	5



Please contact your Milliken representative for further product information including chemical registrations, food contact status, and other regulatory details.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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