

CYPOL 921VR

Polyolefin
Pooya Polymer Tehran

Message:

Carbon Black MB

Description

CYPOL 921VR is a stabilized polyolefin based masterbatch highly filled with Carbon black together with an antioxidant package offering optimum thermal protection and easy of dilution. It is designed for use in PE high pressure pipe manufacturing as carbon black MB.

Due to the special formulation & fine carbon black used in CYPOL 921VR, it offers excellent dispersion, high properties & good resistance to UV exposure.

Application

CYPOL 921VR is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending. Depending on the type of pipe and its structure it can be used from 4 to 6%.

General Information			
Additive	Antioxidant Carbon Black		
Features	Antioxidant Dispersible Good UV Resistance Medium Heat Resistance		
Uses	Masterbatch Piping		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	2.0 to 6.0	g/10 min	ASTM D1238
Carbon Black Content	40	%	ASTM D4218
Moisture Content	2000	ppm	ASTM D644
Additional Information	Nominal Value	Unit	Test Method
Dispersion	OK		Internal Method
Pellet Size	30.0 to 40.0	pcs/cm ³	Internal Method

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