



## METALEN SCP 1050

### Black Masterbatch

#### Description

METALEN SCP 1050 is a carbon black masterbatch for the coloring of polyolefins for extrusion and injection moulding.

METALEN SCP 1050 contains 50 % SRF-type carbon black in polyethylene.

#### Application

METALEN SCP 1050 is especially suited for the coloring of polyethylene films, sheets and injection moulded parts for which a perfectly uniform dispersion of carbon black is required. For injection and blow moulding applications we recommend an addition rate of 1 to 3 % METALEN SCP 1050, depending on the opacity required. A higher addition rate for film applications is also possible.

#### Quality Parameters

Parameter	Value	Unit
Additive Content (Carbon Black, SRF-type).	50	%
Melt flow rate (190°/10 kg)	0,5-10	g/10 min
Specific Gravity	1.22	g/cm <sup>3</sup>
Bulk Density	750	kg/m <sup>3</sup>
Moisture Content	< 1500	ppm
Heat Stability	300	°C
Light Fastness	8	
Weather Fastness	5	
FPV	2.0	bar\gr

## **Processing Recommendations**

METALEN SCP 1050 is especially suited for the colouring of polyethylene films, sheets and injection moulded parts for which a perfectly uniform dispersion of carbon black is required.

For injection and blow moulding applications we recommend an addition rate of 1 to 3 % METALEN SCP 1050, depending on the opacity required. A higher addition rate for film applications is also possible.

## **Packaging and Storage**

METALEN SCP 1050 is packed in 25 kg polyethylene bags on 1000 or 1250 kg shrink-wrapped pallets. The storage should not exceed 12 months for optimum

The information contained herein is correct and accurate to the best of our knowledge. All the suggestions and recommendations are given with no guarantee, since the product use conditions in production conditions are beyond the manufacturer's control. Please, be also warned that patents may exist for some applications of the product.