

# Catalyst Masterbatch



## crosslinking masterbatches for W&C applications

Catalyst Masterbatch series is based on a polyolefinic carrier and contain both a silane hydrolysis/condensation catalytic agent and an antioxidant system. A wide range of grades allows to match different applications requests. Refer to each compound technical literature for Catalyst Masterbatch selection and dosing.

Catalyst Masterbatch series grades comply with RoHS requirements.

grade	density (g/cm <sup>3</sup> )	metal deactivator	UV stabilizer	color	description
<b>Catalyst Masterbatch CT/1</b>			no		
<b>Catalyst Masterbatch CT/1-LR</b>	0.92	yes	no	natural	for Polidan® EC and Polidienne® G series compounds; standard and reduced reactivity and UV/VIS stabilizing version available
<b>Catalyst Masterbatch CT/1-LR UV</b>			yes		
<b>Catalyst Masterbatch CT/2</b>			no		
<b>Catalyst Masterbatch CT/2-LR</b>	0.93	yes	no	natural	for Cogegum® GFR series compounds; allow easy processing during extrusion; standard and reduced reactivity and UV/VIS stabilizing versions available
<b>Catalyst Masterbatch CT/2-LR UV</b>			yes		
<b>Catalyst Masterbatch CT/2-HP</b>			no		
<b>Catalyst Masterbatch CT/2-HP UV</b>	0.90	yes	yes	natural	for Cogegum® GFR and Polidienne® G series compounds, to enhance elastomeric performances; UV/VIS stabilizing versions available
<b>Catalyst Masterbatch CT/2-OR UV</b>	1.14	no	yes	natural	specifically for Cogegum® GFR/380 and Cogegum® GFR 1907-33; containing UV/VIS stabilizing system
<b>Catalyst Masterbatch CT 2004-19 UV</b>	1.05	no	yes	Natural	

LB = Low Blooming

LR = Low Reactivity

UV = include UV/VIS stabilizer that allows to pass the following weathering resistance tests : ISO 4892-2:2006 method A and UL 1581 (fourth edition) clause 1200



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grade	density (g/cm <sup>3</sup> )	metal deactivator	UV stabilizer	color	Description
<b>Catalyst Masterbatch CT/4 BLK</b>	0.99	yes	yes	black	for Polidan <sup>®</sup> EC, Polidienne <sup>®</sup> G and Cogegum <sup>®</sup> GFR series compounds; contains a special carbon black grade to impart fair UV/VIS resistance
<b>Catalyst Masterbatch CT/5 UV</b>	0.97	yes	yes	natural	for Polidan <sup>®</sup> EC, Polidienne <sup>®</sup> G and Cogegum <sup>®</sup> GFR series compounds; suitable for long term ageing conditions; containing UV/VIS stabilizing system
<b>Catalyst Masterbatch CT/5-LR UV</b>			yes		
<b>Catalyst Masterbatch CT/7 UV</b>	0.97	yes	yes	natural	for Polidan <sup>®</sup> EC, Polidienne <sup>®</sup> G and Cogegum <sup>®</sup> GFR series compounds; suitable for most severe long term ageing conditions; containing UV/VIS stabilizing system. Special version LB for hot climate areas are available.
<b>Catalyst Masterbatch CT/7 UV LB</b>			yes		
<b>Catalyst Masterbatch CT/7-LR UV</b>			yes		
<b>Catalyst Masterbatch CT/7-LR UV LB</b>			yes		
<b>Catalyst Masterbatch F/AC</b>	1.12	no	yes	black	for Polidan <sup>®</sup> EC series compounds; to be used in cables insulation where 2.5% of carbon black is required
<b>Catalyst Masterbatch CT 0552/09</b>	0.90	no	no	natural	specifically for Polidan <sup>®</sup> PNT 0553/23 and PNT 0856/35; for potable water contact

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### Additional information

The product must be stored under the following conditions:

- closed and undamaged bags
- ambient temperature not exceeding 30°C
- avoid direct exposure to sunlight and weathering

Product alterations could occur due to extended period of storage; shelf life: 12 months

Padanaplast S.r.l. accepts no liability of any kind in case the above mentioned conditions are not fulfilled

Packaging

- 20 kg bags

Verify commercial availability and registration status in each country with local sales representative

Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

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