



ADDITIVE 5540 - 6405540

Product Description

Product suitable for: Product intended to improve the surface of films and blown articles, reducing the orange peel effect, increasing brightness, reducing the formation of cold welds, reduces adhesion of materials in metal parts, increases melted mass stability and minimizes formation of flow lines. Its use promotes better stress cracking behavior.

Recommended dosage : 2.0 - 5.0%

Base resin: LMDPE

Concentrate of: Process aid - second generation active ingredient

Observation: Thy can be mainly applied in films and blown articles, as well as in other processes, their doses shall be monitored according to the required end product properties.

Typical Product Characteristics

| Properties | Test methods | Tolerance limits |
|--------------------------------------|-------------------------|-------------------|
| Additive Content | IT-PDE-026 | Mín. 2,50 % |
| Bulk Density | IT-PDE-045, ASTM D 1895 | 0,49 a 0,54 g/cm3 |
| Heat resistance | IT-PDE-009, DIN 53772 | Máx. 230 °C |
| Melt Flow Index of the Carrier Resin | ASTM D1238; IT-PDE-025 | 5,0 g/10min |

Monitored Characteristics

| Properties | Test methods | Tolerance limits |
|---------------|--------------|---|
| Physical Form | P-PR-2907 | Uniform pellets free from contamination |
| Tone Beads | IT-PDE-061 | As standard |

Regulatory Requirements

| Laws/Standards | Limit of Application |
|---|----------------------|
| (EU) 10/2011 - Foods | No restrictions |
| 94/62/EC | No restrictions |
| ANVISA 105/99 (RDC 17/08, 52/10, 56/12) | No restrictions |
| ASTM F 963 - Toys | No restrictions |
| BfR (Germany) | No restrictions |
| CONEG | No restrictions |
| EN 71-3 - Toys | No restrictions |
| FDA 21 CFR | No restrictions |
| French Positive List (France) | No restrictions |
| Heavy metal free | No restrictions |
| MERCOSUR (GMC 02/12, 15/10, 32/07) | No restrictions |
| NM 300-3 - Toys | No restrictions |

The technical information and legislation reproduced here represent the best of our experience. However, no liability will be assumed for practical results obtained beyond our control. There are laws and regulations that shall be observed by the customers, being also applicable to third parties. This information does not exempt customers from their liability to check the fitness of our masterbatches to the final product. For further information, refer to our technical support department.



ADDITIVE 5540 - 6405540

Regulatory Requirements

| Laws/Standards | Limit of Application |
|----------------------|----------------------|
| REACH | No restrictions |
| Resolution AP (89) 1 | No restrictions |
| RoHS - 2011/65/EU | No restrictions |

Review reason: Description correction

Reason: 9 Date: 07.31.2012

Cromex doesn't use ozone-depleting substances (ODS), volatile organic compounds (VOCs), asbestos, TAA and ITX as masterbatches raw materials.

This data was printed on 06.12.2015 and is valid without signature.

The technical information and legislation reproduced here represent the best of our experience. However, no liability will be assumed for practical results obtained beyond our control. There are laws and regulations that shall be observed by the customers, being also applicable to third parties. This information does not exempt customers from their liability to check the fitness of our masterbatches to the final product. For further information, refer to our technical support department.