ADDITOL® P 950



Technical Datasheet

General Description

ADDITOL® P 950 is a tribo-active masterbatch designed for use in hybrid, TGIC, polyurethane or TGIC alternative systems. ADDITOL® P 950 contains 5% active substance that greatly enhances the charging ability of powder coatings sprayed with a tribo powder spray gun. ADDITOL® P 950 is easily handled, greatly improves the dispersion of the additive in powder coatings and is designed for indoor or outdoor use.

Tribo-active Masterbatch

Product Specification

	Limits
Appearance	Pale granules
Brookfield Viscosity @ 200 °C, mPa.s	5900-9100
Color, b-value	Max. 15
Hydroxyl value (mg KOH/g)	22.5-33.5
Acid value (mg KOH/g)	Max. 5

Starting Formulation

Component	Weight (%)
CRYLCOAT [®] 2450-2	54.1
TGIC	4.1
Titanium dioxide	37.2
ADDITOL [®] P 950	3.3
MODAFLOW [®] Powder 6000	1.0
Benzoin	0.3

Extrusion & Application Conditions

Extrusion		
Extruder	Twin screw	
Speed	250 rpm	
Torque	75 ± 5 %	
Temperature	95 to 105 °C	
Application		
Application	60 micrometer film on steel panel	
Spray Gun	Output voltage: 60 kV	
Curing	10 min @ 180° C metal temperature	

Film Properties

Test	Result
Gloss @ 20°/60° (%)	76/92
Direct/reverse impact (kg. cm or in. lbs.)	160/160

Shelf Life

Under normal storage conditions (\leq 30°C), the shelf life of the resin will be 24 months from date of manufacturing. For product older than 24 months, it is recommended to check the acid value and the viscosity every year.

Safety & Environmental Protection

For more information, please refer to the Material Safety Data Sheet.

July 2020 - Supersedes previous versions

8.1 / 03.07.2020 (replaces all previous versions)

Worldwide Contact Info: www.allnex.com

Page 1/1

Disclaimer: allnex Group companies ('allnex') exclude all liability with respect to the use made by anyone of the information contained herein. The information contained herein represents allnex's best knowledge but does not constitute any express or implied guarantee or warranty as to the accuracy, the completeness or relevance of the data set out herein. Nothing contained herein shall be construed as conferring any license or right under any patent or other intellectual property rights of allnex or of any third party. The information relating to the products is given for information purposes only. No guarantee or warranty is provided that the product and/or information is suitable for any specific use, performance or result. Any unauthorized use of the product or information may infringe the intellectual property rights of allnex, including its patent rights. The user should perform his/her own tests to determine the suitability for a particular purpose. The final choice of use of a product and/or information as well as the investigation of any possible violation of intellectual property rights or misappropriation of trade secrets of allnex and/or third parties remain the sole responsibility of the user. Notice: Trademarks indicated with [®], TM or ^{*} as well as the allnex name and logo are registered, unregistered or pending trademarks of Allnex Netherlands B.V. or its directly or indirectly affiliated allnex Group companies. ©2020 allnex Group. All Rights Reserved.