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ATACTIC POLYPROPYLENE (APP-G)

Data Document

Identifier : 2211-056-05796653-98, am.1
Grade: APP-G - atactic polypropylene, produced under homopolymer recovery.

Description

Atactic polypropylene is an amorphous thermoplastic material displaying high adhesive properties when melted or dissolved. Produced granulated in the shape of plates powdered with talcum.

APP-G used for preparation of polymer, bitumen-polymer and polymer-mineral mastics; individual melts and compositions used as anticorrosion coverings of underground pipelines, different building structures and industrial equipment; for improving physical-mechanic properties of asphalt compositions and fillers, used in road and large-panel constructions; and also in rubber footwear industry as additive to rubber mixtures.

Specifications

Property	Unit	Specification Range	Notes
Physical configuration	appearance	Amorphous substance	a
Volatile matters mass	%m	<3	
Cinders mass	%m	<3	
Isotactic fraction	%m	<40	
Needle penetration @ 25°C	0,1mm	<60	
Melting point	°C	>100	
Viscosity @ 180°C	Pa·s	<5	

a from light- to dark-brown or from light- to dark-grey color

Packaging

APP-G is available in 200kg big-bags, 40' FCL 12MT +/- 10%

Safety and Handling Precautions

Read the Safety Data Sheet carefully and thoroughly before beginning any work.

Warranty

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