



DAN Polymer

Technical Data Sheet

Color Masterbatch: DANMB 185502



DAN
POLYMER

www.danpolymer.com
Rev 01, July 2024

Description:

DANMB 185502 is produced using high quality materials, organic and inorganic pigments with polyethylene resin, depending on the needs of the customer.

Advantages:

Produced using high quality materials
Consistent quality
Easy application in the production process

Characteristics:

Appearance: Granular
Color: Violet
Carrier: PE
Processing Method: Injection molding, Film blowing,...

Application:

Home appliance industry, automotive applications, electrical goods, housewares and other utility products

Properties:*

Parameters	Value	Unit	Test Method
Physical			
Melt Flow Index (190°C, 2.16 kg)	19±3	g/10 min	ASTM D 1238
Density	≥ 0.98	gr/cm ³	ASTM D 1505
Heat Stability	280 ±10	°C	ISO 12877
Moisture	≤0.2	%	ASTM D 6980

*Test Condition: Samples were prepared by injection molding machine (100 Ton).

Color Sample:

This reference is only a color indication. There may be differences depending on your computer screen and/or printer settings.



Usage Guidelines:

Typically, usage percent of DANMB 185502 is between 2 -4%. on the polymer base.



Office: No.29, Hoseini Ave, Karimkhan Zand Blvd, Tehran, Iran.
Factory: No.1, Sanbol 2 Alley, Zakaria Razi Blvd.,
Shams Abad Industrial Town, Tehran



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Processing Conditions:

Injection Molding:

Rear Temp (°C)	Center Temp (°C)	Center Temp (°C)	Front Temp (°C)	Nozzle Temp (°C)
190-200	200-210	210-220	210-220	215-225
Melt Temp (°C)	Mold Temp (°C)	Filling Speed		
230	60-80	Slow-Mid		



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