



DAN Polymer

Technical Data Sheet

PP Compound: DANCMP 41911



DAN
POLYMER

www.danpolymer.com
Rev01, July 2024

Description:

DANCMP 41911 is polypropylene filled with 40% glass fiber and mineral powder offering better mechanical properties.

Advantages:

High mechanical properties, high impact and easy flow, good dimensional stability and chemical resistance

Characteristics:

Appearance: Granular
Color: Black
Carrier: PP
Processing Method: Injection molding

Application:

This compound is used in appliance industry, automotive applications, electrical goods, housewares and other utility products.

Properties:

Parameters	Value	Unit	Test Method
Physical			
Ash Content	40 ± 2	%	ASTM D 5630
Mechanical			
Tensile Strength @Peak	65 ± 2	MPa	ASTM D 638
Elongation @Break	3 ± 1	%	ASTM D 638
Notched Izod Impact(23°C)	7 ± 1	KJ/m ²	ISO 180
Elastic Modulus	2700 ± 200	MPa	ASTM D 638

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



Office: No.29, Hoseini Ave, Karimkhan Zand Blvd, Tehran, Iran.
Factory: No.1, Sanbol 2 Alley, Zakaria Razi Blvd.,
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Processing Conditions:

Injection Molding:

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



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