



540-CA13

Product Technical Information

Polypropylene – Impact Copolymer

Benefits & Features

540-CA13 is a very high impact copolymer recommended for injection moulding of luggage, crates & boxes as well as for the production of compounds. This nucleated grade has a good stiffness, allows for a faster cooling and presents excellent dimensional stability. **540-CA13** contains antistatic agent.

- Very good impact resistance at low temperature (-20°C)
- Low warpage
- Good flowability
- Antistatic

Applications

- Returnable transport packaging (crates & boxes)
- Luggage
- Very low temperature impact resistant packages
- Compounds

Properties	Conditions	Test Methods	Values	Units
Physical				
Melt Flow Rate	230°C/2.16Kg	ISO 1133-1	13	g/10min
Mechanical				
Flexural Modulus	23°C	ISO 178	1150	MPa
Izod Impact Strength, notched	23°C	ISO 180/1A	50	KJ/m2
Izod Impact Strength, notched	-20°C	ISO 180/1A	9.5	KJ/m2
Izod Impact Strength, notched	-30°C	ISO 180/1A	7.7	KJ/m2
IFW Instrumented Falling Weight	-20°C	ISO 6603-2		
<ul style="list-style-type: none"> • Impact strength • Total penetration energy 			21	J/mm
			41	J

Data should not be used for specification work

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.