



## Polypropylene: CP250H

Sub-group  
Homopolymer

Description  
Narrow MWD, low smoke / condensate

Applications  
Suggested uses include spunbond nonwovens, high-speed fiber spinning - continuous filament yarns, staple fiber

Control Properties	ASTM Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D-1238	g/10 min	25

Typical Properties	ASTM Method	Units	Values
Tensile Strength at Yield (2 in/min, 50 mm/min)	D-638	psi(MPa)	4,700(32)
Elongation at Yield (2 in/min, 50 mm/min)	D-638	%	11
Tenacity of Fibers (3.3 draw ratio, 1,250 m/min roll speed, 225ÅC spin temperature, D1000/68)	D-2256	g/denier	2.3
Elongation of Fibers (3.3 draw ratio, 1,250 m/min roll speed, 225ÅC spin temperature, D1000/68)	D-2256	%	117
Suggested Takeup Roll Speed	Braskem	ft/min(m/min)	13,123(4,000)

### Final Remarks

1. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by the Food and Drug Administration. The additives present meet the applicable regulations.
2. This information reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
3. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
4. In case of doubt regarding utilization, or for other applications, please contact Technical Service.
5. The values in this report can be modified without prior communication from Braskem.
6. Braskem polyolefin products do not have additives with heavy metals or organotin-based materials.

Revision

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