

## PolyChem Alloy 6004 Talc Nucleator

Category : Polymer

### Material Notes:

Talc nucleator products are additive masterbatch concentrates designed for the nucleation of both commodity and engineering thermoplastic resins. Talc Nucleators typically contain 40 to 60 % by weight of talc in a PE, PP, or PS carrier. Other carriers, and other talc levels, such as 25%, are available upon request. About 80% of the talc particle size used in these products is less than 1 micron, with the remaining particle sizes ranging from 1 to 5 microns. Talc Nucleators are typically used as physical nucleating agents for extruded foam, and are generally used at a 0.4 to 2.0% let-down level, depending upon the application. These products are available in a uniform pellet shape, eliminating the processing concerns associated with dusts or powders.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyChem-Alloy-6004-Talc-Nucleator.php](http://www.lookpolymers.com/polymer_PolyChem-Alloy-6004-Talc-Nucleator.php)

Physical Properties	Metric	English	Comments
Particle Size	1.0 $\mu\text{m}$	1.0 $\mu\text{m}$	at 80% distribution <1 to 5 microns.

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 220 $^{\circ}\text{C}$	338 - 428 $^{\circ}\text{F}$	

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