

DayGlo Gem-Tone GC-18F Emerald Green

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

Material Notes:

Gem-Tone® GC-18F Emerald Green is a rich, strong green colorant intended for use in clarified polypropylene. Clean, haze free, non-warping color formulations can easily be achieved with the use of this colorant. No blooming or plateout problems will be seen with Gem-Tone® colorants. These materials can be incorporated into polyolefin resins at levels as low as 0.05% and can be increased to higher levels to achieve the desired effect.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DayGlo-Gem-Tone-GC-18F-Emerald-Green.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Bulk Density	0.513 g/cc	0.0185 lb/in ³	
Oil Absorption	52 %	52 %	
Particle Size	20 - 80 µm	20 - 80 µm	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	288 °C	550 °F	
Softening Point	77.0 - 80.0 °C	171 - 176 °F	
Glass Transition Temp, Tg	70.0 °C	158 °F	
Decomposition Temperature	385 °C	725 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	>= 177 °C	>= 350 °F	

Descriptive Properties	Value	Comments
λ _{max}	637nm	Abs. = 3380
	718nm	Abs. = 3790

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