



Chain extender cum compatibility master batch for PLA

This Master batch increases PLA's molecular weight, enhancing its mechanical properties like elongation at break and tear resistance, while decreasing melt flow rate. They also improve thermal stability, can increase melt strength and ductility, and promote better interfacial adhesion in PLA blends, making the material stronger and more versatile for processing and applications like foams and toughened blends

ADFLEX CA is proven master batch and is highly powerful chain extender cum compatibiliser. 2 % to 3% master batch is enough to increase the melt strength of PLA by many folds.

Application includes Film Blown, Cast and Biaxial, Injection Molding, Thermoforming

Also it can be used during reprocessing of bio plastics.

Unit	Value	Method
g/10 Min	2-3	ASTM 01238 (190°C, 2.16Kg)
g/cm ³	1.22-1.30	ASTM D792
Moisture PPM	Max 600	Internal KF

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