



J J Packagers (P) Ltd.

Calcium Carbonate Masterbatch
Item: JJBlend Film-Aid

Carrier Resin: Poly Ethylene
Physical Form: Granules

Application: JJBlend Film-Aid is developed with ultrafine Calcium Carbonate to provide better bubble stability to the film being blown. The product is suitable for Mono Layer and Multi Layer. These granules provide strength to the films thus manufactured. JJBlend Film-Aid provides opacity to the film manufactured thus reducing the amount of Masterbatch to be used for the colouring purpose. JJ Blend Film Aid improves the heat proof character, anti slippery properties, dimensional stability of the film manufactured.

Advantages JJ Blend Film-Aid

- JJ Blend Film -Aid can be loaded up to 150 PHR without any wastage & quality compromise. Addition level may vary depending upon application of final film, processing conditions and the customers' requirements.
- Film-Aid maintains the optimum temperature in feeding zone which facilitate the crushing of material resulting higher strength in final products. It increases the M.F.I. so homogenous mixing for better dispersion (dispersion is defined as the distribution of particles at molecular level) of materials.
- **ASTM D1894 & IS 2508** & developed JJ Blend Film-Aid to reduce the coefficient of friction to defeat the dust accumulation.
- Our world class product provides the best dart impact to the final product (according to **IS2508 & ASTM D1709**) due to addition of world class base materials.
- Due to addition of special reinforcing ultrafine calcium carbonate in JJ Blend it provides the best tensile strength & elongation to the film & maintains the strength throughout the life cycle of product.
 - Increased output
 - Acts as a cost reducing agent by replacing equivalent amount of polymer
 - Improved bubble stability
 - Improved bag printability
 - Improved barrier properties
 - Non toxic, odourless and tasteless



An ISO 9001 : 2000 Company

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Technical Specification

S.N.	Grade	A.S.T.M.D1238M.F.I.(g/10min)	Part-1Moisture Cont.%(%) I.S.7086	A.S.T.M.D792Bulk Density g/l)(+/-30)	JJ Standard Opacity (%,+/-1)	Brightness (%,+/-1) I.S.O.2470	A.S.T.M.E313Whiteness (%,+/-1)	Yellowness (%,+/-1) A.S.T.MD1925	A.S.T.M.D1894Coffi. Of Friction(+/-0.5)	Dart Impc STMD1709 Dart Impact (g/mic.m.,+/-0.1) ASTM D1709	T.S.(Kg/mm ² +/-0.1) A.S.T.M.D638	Tear Strength (g/mic.m.,+/-0.1) A.S.T.M.D1922
1	Film Aid -01X	12(+/-2)	<0.2	1120	32.8	83.0	78.00	3.20	0.36	2.210	1.30	0.96
2	AF-03	4(+/-2)	< 0.20	1200	35.75	84.50 0	71.57	3.89	0.38	1.20	0.78	
3	AF 03R	6(+/-2)	< 0.20	1180	33.88	84.27	74.952	3.89	0.38	1.29	1.07	
4	Film Aid -011	0.57(+/-0.2)	<0.2	1050	32.7	83.5	81.72	3.17	0.37	2.100	1.20	0.87
5	Film Aid -012	0.23(+/-0.1)	<0.2	1150	32.6	83.2	81.50	3.10	0.37	1.875	1.07	0.72

Addition level: JJ Blend Film-Aid can be added up to 60% (by weight of batch) during processing of polymer at extruder. The addition level will vary depending on the application of the final film and its application.

It is highly recommended that this JJ Blend Film-Aid should be pre dried in hopper dryer or dehumidifier at 80 degrees C to withdraw possible moisture absorbed by hygroscopic Calcium Carbonate.

Packing: Standard packing of 25 KG Woven Bags



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