



**J J Packagers (P) Ltd.**

Calcium Carbonate Masterbatch  
Item: JJBlend Blow-Aid

Carrier Resin: Poly Ethylene  
Physical Form: Granules

**Application: Blow Moulding and Injection Moulding Sector.** JJBlend Blow-Aid is developed with ultrafine Calcium Carbonate to provide better loading and stacking properties to the blow moulded containers and Injection Moulded articles. JJBlend Blow-Aid is added along with the polymer to provide better and controlled flow properties to the polymer during extrusion and Injection process. JJBlend Blow-Aid provides opacity to the containers/articles manufactured thus reducing the amount of Masterbatch to be used for the colouring purpose.

All the end user processing conditions have been kept mind during development of the product. On hand experience of the blow moulding process was attained before developing the product.

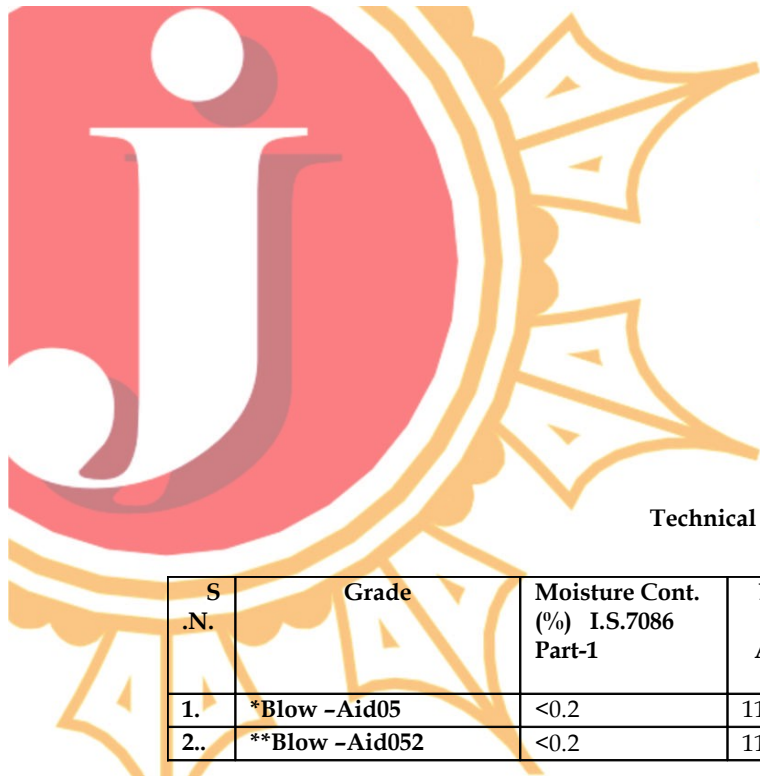
Advantages of JJBlend Blow-Aid

- Loading up to 25% depending on the container/article size
- Desired strength everywhere
- Improves the wall thickness of the container
- Reduced Cycle Time hence Increased output
- Better printability
- Improves barrier properties of the article
- Non toxic, odourless, tasteless
- Food Grade Certificate available on demand
- ESCR is the resistance against environmental effect i.e. stress and various chemical/factors available in surroundings which causes cracking of plastic products. Products made of poly Ethylene are susceptible to harsh environmental conditions. JJBlend Blow Aid has been developed to meet the varied environmental conditions.
- Improves the mechanical properties i.e. Impact & Flexural Modulus due to reinforcement effect of filler and specialty polymers.
- Suitable for Packaging of food products, Oil, Lubricants, other liquid items and manufacturing of items like Ice Box and others
- Acts as a cost reducing agent without impacting the quality of the product



An ISO 9001 : 2000 Company

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### Technical Specification

S.N.	Grade	Moisture Cont. (%) I.S.7086 Part-1	Bulk Density (g/l+/-30) A.S.T.M.D792	M.F.I. (g/10min +/-0.2) A.S.M.D1238	E.S.C.R. (Hr.+/-2) A.S.T.M.D1693A
1.	*Blow -Aid05	<0.2	1100	1.2	50 *
2..	**Blow -Aid052	<0.2	1110	1.04	500**

\*Obtained by testing Injection molded sample containing 5% Blow Aid05 + 95% G-Lex B63A003.

\*\*Obtained by testing Injection molded sample containing 5% Blow Aid052 + 95% G-Lex B52A003..

**Addition level:** JJ Blend A-Aid can be added up to 25% during extrusion/injection process. The addition level will vary depending on the application of the final article to be moulded.

It is highly recommended that this JJBlend Blow-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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