



TECHNICAL DATA SHEET

Shoal™

MULTIFUNCTIONAL ADDITIVE

05/26 REVISION

Shoal™

MULTIFUNCTIONAL ADDITIVE

PRODUCT DESCRIPTION

Shoal™ is a pelletized masterbatch containing a high performance proprietary beta nucleant formulation in a polypropylene carrier resin. It is currently used in food contact applications.

Shoal™ is designed to be used with non-nucleated polypropylene homopolymers to produce high levels of beta phase crystallinity in extruded sheets, films and injection molded parts.

| PROPERTIES | DATA |
|-------------------------------|---------------|
| Form | Pellet |
| Color | White/tan |
| Base Resin | Polypropylene |
| Density (g/cm ³) | 1.08 |
| MFI (g/ 10 min 230°C/ 2.16kg) | 12 |
| Melt Temperature (°C) | 150 |
| Typical Loading | 1-2% |

CODE & PACKAGING

Code Number: ADD1011

Packaged in 25 kg bags, available in 500 kg supersacks in selected markets.

MAIN APPLICATIONS

Injection molding, Extrusion, Film blowing, Rotational molding and Other production processes.

PROCESSING STATEMENT

Extrusion temperature: 180 -200 °C.

It is not recommended that processing temperatures exceed 240°C.

AVAILABILITY

This product is available worldwide, currently being produced the United States.

FOOD REGULATIONS

Shoal™ is suitable for food contact application. Upon request, detailed information can be provided in relevant Okeanos Regulatory Statements. For additional specific information, please contact Okeanos' compliance representative at legal@madefromstone.com

STORAGE & HANDLING

This product should be stored in a manner to prevent a direct exposure to sunlight and/ or heat. The storage area should also be dry and preferably doesn't exceed 35°C. Okeanos does not give warranty to bad storage conditions which may lead to quality deterioration such as color change, bad smell and inadequate product performance. It is advisable to process this additive within 6 months after delivery.



ADVANTAGES TO USING SHOAL™

1. Can be added at the extruder hopper to produce extruded sheet with high levels of beta crystallinity and high impact strength.
2. Broadens the processing window for thin gauge thermoforming.
3. Produces thermoformed containers with more uniform material distribution, improved crush strength and rigidity and with lower sidewall density.
4. Faster cycle rates in both injection molded and thermoformed part production

BRANDING

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CONTACT INFORMATION

Contact your local representative, or reach us at support@madefromstone.com if you have any questions, or need additional documentation on this product, or visit okeanos.global

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This product is not intended for the use in medical applications and should not be used in any such applications

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