



TECHNICAL DATA SHEET

TDS 015Revision:
06Date:
01/19/17Page:
1/1

BREUTEX

100% Elliotti Rosin obtained by distillation of sap collected from pinnus trees (live).

VERIFICATIONS

| Property | UN | Specification | Test method |
|--|----------|---------------|-------------|
| Color Gardner (50% em Tolueno) | % | Máx. 7 | ML RB 010 |
| Color US Standard | - | WW-X | ML RB 011 |
| Acid Number | Mg KoH/g | 155 – 170 | ML RB 012 |
| Melting/Softening Point(Ring and Ball) | °C | 70 – 78 | ML RB 013 |
| Solubility in Ethanol | % | Soluble | ML RB 014 |
| Crystallization in acetone | h | Mín. 24h | ML RB 015 |
| ** Saponification Number | Mg KoH/g | 162 – 177 | ML RB 016 |
| ** Volatile Oils Content | L/100kg | Máx. 1 | ML RB 017 |
| ** Insoluble in Toluene | % | Máx. 0,05% | ML RB 018 |

** Sporadically tested properties for reference only.

APPLICATIONS

- Rosin Derivaties, depilatory wax etc.

BENEFITS

- Renewable source product;
- Improves adherence and transparency of glues and adhesives;
- Improves adherence and Good reactivity to preparation derivatives such as esters and reactions with maleic anhydride and fumaric acid;
- Improves astringency and hardness of saponified materials (soap).

PACKAGING

| Type | Size | Shelf life |
|-------------------------------------|-------|------------|
| Zinc Steel Drum | 250kg | 18 months |
| Cartons (solid) | 25 kg | 18 months |
| Multiwall Kraft paper bags (solid) | 25 kg | 18 months |
| Braided polypropylene bags | 25kg | 6 months |
| Cartons (flakes) | 25kg | 6 months |
| Multiwall Kraft paper bags (flakes) | 25kg | 6 months |

DISCLAIMER

To prevent accidents and impacts environmental, please check the product SDS.



We request our customers to test our products before using them on industrial scale. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. We do not assume any responsibility or warranty, expressed or implied, resulting from handling, usage and storage whether performed according to the instructions contained in this document, whether used alone or in combination with other products. The buyer assumes all responsibility and liability for loss or damage arising from the handling and use of our products, either alone or in combination with other products.

Elaborated by: Rafaela Silva**Revision by:** Antônio Vieira**Approved by:** Francisco Fernandez