

Technical Data Sheet - KahlPolymer 7791 PE

Characteristics

KahlPolymer 7791 PE is a white wax consisting of fully saturated polymers of ethylene. It increases hardness and raises melting point of W/O emulsions, oleogels, and other anhydrous systems. KahlPolymer 7791 PE is often used in lubricants, flow modifiers, release agents, and other processing applications.

Recommended for

- | | |
|--|---|
| <input checked="" type="checkbox"/> Industrial Application | <input checked="" type="checkbox"/> Personal Care |
| <input type="checkbox"/> Pharma | <input type="checkbox"/> Food |

Compliance status

- | | |
|--|---|
| <input type="checkbox"/> Natural Cosmetics | <input type="checkbox"/> European Pharmacopoeia |
| <input type="checkbox"/> Organic Cosmetics | <input type="checkbox"/> USP/NF |

General

| Parameter | | Unit |
|---------------------|--------------|------|
| INCI (EU) | Polyethylene | |
| CAS no. | 9002-88-4 | |
| Color | white | |
| Appearance | beads | |
| Shelf life | 1096 | days |
| Storage temperature | max. 40 | °C |

Color and shape of the product may differ slightly within a production batch due to the production process.

This product information is indicative and does not include any guarantee. It does not relieve the purchaser from examining the product upon delivery and gives no assurance of stability of the product for any particular purpose.

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Specification

| Parameter | | Unit |
|--------------------|-----------|------|
| Melting range | 81 - 92 | °C |
| Needle penetration | ca. 5 dmm | |

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