

Green PE wax GWAX 50E

Description:

GWAX 50E is a multi-purpose bio-based isomeric polyethylene wax with reliable quality parameters and has a format of granules.

The minimum bio-based content of this grade is 95%, determined according to ASTM D6866.

Applications:

Masterbatches, Hotmelt adhesives, Base material for pigments, Personal care, Adhesives

Typical Values

Characteristic	Method	Units	Values
Dropping Point	DIN ISO 2176	°C	108
Solidification Point	DIN ISO 2207	°C	94
Melting Point	DIN 51007	°C	105
Needle Penetration (25°C)	DIN 51579, ASTM D1321	10-1mm	4
Dyn. Viscosity (140°C)	DIN EN ISO 2555	mPas	138
Density (23°C)	DIN EN ISO 1183-1	g/cm ³	0.88
Acid Value	DIN EN ISO 2114	mg(KOH)/g	< 1
Saponification Value	DIN EN ISO 3681	mg(KOH)/g	< 2
Yellowness Index	DIN EN ISO 11664	-	4
Flashpoint - Clevel.	DIN EN ISO 2592	°C	> 250
Flashpoint - Pensky M.	DIN EN ISO 2719	°C	> 220

Packaging and Storage:

The wax is produced in 3 mm granules and shipped in BigBags (2 x 600 kg) strapped on a CP9 pallet.
Alternative packaging: 25 kg bags on a EUR pallet.

Shelf Life:

Three years from production date.

Final Remarks

- The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
- In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
- For information about safety, handling, individual protection, first aids and waste disposal, please see SDS.
- The mentioned values in this report can be changed at any moment without Braskem previous communication. The content of this Data Sheet replaces previous revisions published for this product.