

## **Pentaerythritol Tetrastearate (PETS-4)**

Product specification:

Item	PETS-4
Acid number(mgKOH/g)≤	5
Iodine number(g/100g) ≤	2
Hydroxyl Value(mgKOH/g)	25-35
Saponification Value(mgKOH/g)	185-195
Melting point(°C)	55-65

Note: The technical data can be adjusted to client request accordingly.

Applications:

With good heat stability and low volatility under high temperature, good mould release property and fluidity, PETS can be used as excellent lubricant in plastics and rubber industry. Especially, it is suitable for the situation which requests high heat stability and good mould release.

PETS-4 is a renewable raw material-based lubricant that enables smooth processing (injection molding and extrusion) of engineering plastics like PC, PET, PBT, POM or PMMA. It imparts desirable properties such as surface smoothness, mechanical strength, color- and process stability in end products used in automotive and E&E. It lowers mold release force while improving polymer melt flow. It also

provides improved shaping flexibility and maintenance of transparency  
(such as in polycarbonate).

The recommended dosage is 0.2-1.0%.

Packaging: 25 Kg N.W. per sack.

Storage: Stored in dry and cool places.

Shelf life: 1 year