



Nano Pouyesh Kimiya Co. (NPK)

TECHNICAL DATA SHEET

PRODUCT NAME Erucamide ER

SPECIFICATION

Chemical name: Erucic amide or Erucamide
Chemical description: cis-13-Docosenamide
Chemical formula: $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_{11}\text{CONH}_2$

	Erucamide ER	TYPICAL	ANALYSIS METHOD
Appearance	Off-white to light yellow Beads	White beads	Eyeballing
Color (Gardner)	2 Max.	1	AOCS Td 1b-64
Odor	Mild-typically fatty		
Acid Value	0.2 Max	0.1	AOCS Te 1a-64
Iodine Value	72-78	74	AOCS Tg 2a-64
Amide purity (%)	98.5 Min.	99	
Melting Point °C	77-85	82	AOCS Tr 1a-64
Moisture (wt%)	0.1 Max.		AOCS Tb 2a-64
Boiling Point °C	474		
Flash Point °C	240		
Specific Gravity (100 °C)	0.84		
BHT, BHA	Free		

PACKAGING

In 25kg complex paper bag or in 50kg paper drum.