

# TECHNICAL DATA SHEET

**INCI Name:** Polyquaternium-7

**CAS NO.:** 26590-05-6

**Chemical Structure:**  $(C_8H_{16}ClN)_n(C_3H_5NO)_m$

**Trade Name:** Yeser® PQ-7

**Product Specifications:**

Test Item	Specification	Test Method
Appearance (25°C)	Colorless to light yellow transparent sticky liquid	By eye
pH value (10% aqueous solution, 25°C)	5.5~7.5	GB/T 6368
Solid content, %	9.0~10.5	GB/T 13173
Viscosity (25°C), mPa*s,	8000~16000	GB/T 5561
Residual acrylamide, mg/kg	≤5.0	HPLC

**Product Features:**

- 1) Good affinity for hair keratin, no accumulation after use.
- 2) Gives hair and skin a nice slippery, moisturized feeling.
- 3) Forms a clear, glossy and tough film with excellent curl retention.
- 4) Improves the dry and wet combability of hair, keeping it shiny, soft, elastic and easy to comb.

**Dosage:**

The recommended dosage is 1.0%~6.0%.

**Package:**

In 200kg plastic drums

**Shelf life:**

Sealed, stored in a dry and ventilated place, the shelf life is 12 Months.

