

## **YLSCH® RUBBER ACCELERATOR DETU-80**

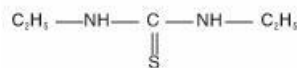
**CHEMICAL NAME:**N,N'-Diethylthiourea

**MOLECULAR FORMULA:**C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>S

**MOLECULAR WEIGHT:** 132.23

**CAS NO.:**105-55-5

**MOLECULAR STRUCTURE:**



**SPECIFICATIONS:**

Active Content(%)	80	Carrier	SBR
Appearance	Light Yellow Granules	Initial Melting Point	72°C min
Sulfur Element(%)	19.0	Ash Content	0.3% max
Density(g/Cm <sup>3</sup> )	1.10	Heating Loss Content	0.3% max
		63µm Sieve Residue	0.5% max
		Purity	98%min
Composition	Mixture of 80% N,N'-Diethylthiourea and 20% polymer and dispersing agent		

※Binder type can be customized. Except SBR, others binders, such as EPDM,NBR also can be available for.

**PROPERTIES:**

DETU especially suitable for CR continuous fast curing. It has promote faster effect that combined use with DETU, MBTS and DOTG, but may cause scorching, Heat aging and mechanical properties of vulcanized rubber is excellent, non-blooming.

**APPLICATION:**

All kinds of neoprene rubber products. Such as synchronous belt, V belt and other mold, injection molding and extrusion products.

**DOSAGE:**

0.1-2phr usually. Can be combined used 1phr of MBTS-75 and 1pr DOTG-75.

**PACKING & STORAGE:**

Net weight 25kg/PE bags lined carton; Net weight 600kg/pallet.

Shelf-life : 1 year in its original packaging

Stored in a dry and cool place.