



Product Sales Specification

		PILCURE®	TMT
		ACCELERATOR	
Chemical Name	Tetramethyl thiuram disulfide (TMTD)		
Chemical Structure	$  \begin{array}{c}  \text{H}_3\text{C} \quad \quad \quad \text{CH}_3 \\  \diagdown \quad \quad \quad / \\  \text{N} - \text{C} - \text{S} - \text{S} - \text{C} - \text{N} \\  / \quad \quad \quad \backslash \quad \quad \quad / \\  \text{H}_3\text{C} \quad \quad \quad \text{S} \quad \quad \quad \text{S} \quad \quad \quad \text{CH}_3  \end{array}  $		
CAS Reg. No.	137-26-8		
Mol. Wt.	240		
<b>Product Specification</b>			
<u>Parameter</u>	<u>Limits</u>	<u>Test Method</u>	
Product form	Powder (OT)	-	
Color	Off white-Cream	-	
Assay ,% (min)	96.0	NOCIL 02-3-318	
Melting Point, initial, °C	142.0	D 1519	
Melting point , final , °C (min)	147.0	D 1519	
Heat Loss, % (max)	0.5	D 4571	
Ash, % (max)	0.3	D 4574	
Paraffinic Oil (<0.2% PCAH), %	1.0-2.0	NOCIL G-40	
Residue on 150 µm sieve, % (max)	Nil	D 5461	
Residue on 63 µm sieve, % (max)	0.3	D 5461	
<b>Typical Data</b>			
Specific gravity at 25°C	1.43	D 1817	
Bulk density , kg/m <sup>3</sup>	340 – 380	NOCIL G-44	
Bulk density (Comp), kg/m <sup>3</sup>	410 - 440	NOCIL G-44	
<b>Packaging</b>			
Paper-Fabric Bag	20 kg		
FIBC	-		
Color code	Orange colored strip.		