

1500000 Fuels and Fuel Additives and Lubricants and Anti corrosive Materials

1510000 Fuels

15101500 Petroleum and distillates

15101512 Petroleum coke or pet coke

Selling Unit : mass-kg

S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation/ Remark	M	F	G	Demand aggregation
Types & Grades											
1	Types	Ch	Raw Petroleum Coke	Calcined Petroleum Coke				√	√		
2	Grades	Ch	Grade A - Low sulphur content	Grade B - High sulphur content				√	√		
REQUIRMENTS											
3	The material shall be a petroleum product, free from all foreign matter and visible impurities	Ch	Yes					√			
4	Size Analysis	Ch	The product shall meet the requirements of size analysis, the limit and the method of test shall be as agreed to between the purchaser and the supplier.					√			

5	Electrical Resistivity	Ch	The product shall also meet the requirements of electrical resistivity, the values shall be reported as per two-electrodes method of IS 7929 : 1975 or by any other suitable method as agreed to between the purchaser and the supplier.					√			
6	Trace Metals	Ch	The limits and the methods of test for the determination of following trace impurities shall be as agreed to between the purchaser and the supplier. a) Titanium (Ti); and b) Calcium (Ca).					√			
7	Moisture content (as received), percent by mass, Max	N	10	NA				√	√	√	
8	Moisture content (after initial drying for raw petroleum coke only), percent by mass, Max	N	2	0.1				√	√	√	
9	Ash, percent by mass, Max	N	0.45	0.5				√	√	√	
10	Volatile matter, percent by mass, Max	N	11	0.4				√	√	√	
11	Density : Vibrated bulk, g/cm ³	N	NA	To be reported				√	√		
12	Density: Real, g/cm ³ , Min	N	NA	2.03				√	√		
13	Fixed carbon, percent by mass, Min	N	85	99				√	√	√	

14	Sulphur total, percent by mass, Max	N	1.25	2.5	1.2			v	v	v	
15	Trace metals: a) Silicon (Si), percent by mass, Max	N	To be reported	0.05				v	v		
16	b) Iron (Fe) percent by mass, Max	N	To be reported	0.04				v	v		
17	c) Vanadium (V), percent by mass	N	To be reported	0.03				v	v		
18	d) Nickel (Ni), percent by mass,	N	To be reported					v			
SAMPLING											
19	Representative samples of the material shall be drawn and prepared in accordance with IS 1447 (Part 4) : 1989 'Methods of sampling of petroleum and its products : Part 4 Sampling of petroleum coke for laboratory analysis'	Ch	Yes					v			

Packing										
20	The material shall be supplied in suitable containers as agreed to between the purchaser and the supplier	Ch	Yes						√	
21	Packing size (in kg)	N	20	50	250	500*			√	√
Marking										
22	Each container shall be marked with the following information and any other information as agreed to between the purchaser and the supplier: a) Name, type, grade and mass of the material; b) Indication of the source of manufacture, initials or trade-mark, if any; and c) Batch or code number.	CH	YES						√	
23	Each container may also be marked with the Standard Mark	CH	YES						√	
Shelf Life										
24	Shelf Life	Text							√	√
Certification										
25	Conforming type	CH	Conforming to IS:8502(Latest)	Generally Conforming to IS:8502(Latest)					√	√
26	Whether ISI Marked	CH	YES	No					√	√
27	CM/L Number(Must declare if ISI Marked)	CH	Text	NA					√	√
Test Report Details										

28	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No				√	√		
29	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA				√	√		

*1000 kg