



AMOL DICALITE LIMITED

301, 'Akshay', 53, Shrimali Society, Navrangpura, Ahmedabad-380 009 (India)
Phone : +91-79-26443331, 26560458. Fax:+91-79-26569103. E-mail: sharad.jha@amoldicalite.com

A MEMBER OF THE LALBHAI GROUP

SPECIFICATION

DICAMOL - 474 FILTERAID

PHYSICAL PROPERTIES

APPEARANCE	Dull White.
SPECIFIC GRAVITY	2.34.
DRY LOOSE DENSITY (gms/cc)	0.100 to 0.140.
WET CAKE DENSITY [gms/cc (max)]	0.256.
% MOISTURE AT 105° C. (max)	1.5.
WATER ABSORPTION (as % by wt of DICAMOL)	270 to 300.
OIL ABSORPTION (as % by wt of DICAMOL)	240 to 270.
HYGROSCOPICITY	Nil.
FLOW RATIO (414 = 100)	650.
MEAN PARTICLE SIZE (Microns)	8.0.
% RETAINED ON 140 MESH (Max.)	7.0
% RETAINED ON 325 MESH (Max.)	45.0.

CHEMICAL ANALYSIS

SILICON DIOXIDE %	71 to 76.
ALUMINIUM OXIDE %	10 to 14.
FERRIC OXIDE % (Max)	0.40.
FERROUS OXIDE % (Max)	0.50.
CALCIUM OXIDE %	0.50.
MAGNESIUM OXIDE %	0.20.
SODIUM OXIDE %	3 to 4.
POTASSIUM OXIDE %	4 to 5.
ORGANIC MATTER %	Nil.
pH SLURRY 10% IN WATER	6 to 9.
LOSS ON IGNITION % (Max)	2.5.

ACID AND WATER SOLUBILITY

SOLUBILITY IS NEGLIGIBLE IN WATER AND WEAK ACIDS. SOMEWHAT SOLUBLE IN STRONG ACIDS/ALKALI AT HIGH TEMPERATURE.

NOTE :- PERLITE BEING NATURAL MINERAL PRODUCT, THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE. HOWEVER, THE CHANGE, USUALLY DOES NOT AFFECT FILTRATION PERFORMANCE.