

SCAN: 10.0/80.0/0.02/0.24(sec), Cu(40kV,20mA), I(max)=153901, 12/13/22 17:52

NOTE: Intensity = Counts, 2T(0)=0.0(deg), S/M: Default Search_Match (Use Chemistry Filter)

J-Column: [+] Common/Good Patterns, [?] Uncommon/Non-Ambient Patterns, [] Intermediate Patterns, [D] Deleted

D-Column: C=Calculated, D=Diffraction, F=Densitometer, V=Film/Visual, X=Other/Unknown

#	40 Hits Sorted on Figure-Of-Merit	FOM	I%	2T(0)	d/d(0)	PDF-#	J	D	#d/l
1	<input type="checkbox"/> Moissanite-3C, syn - SiC	1.1	87	-0.200	1.000	29-1129	+	D	5
2	<input type="checkbox"/> Moissanite-51R, syn - SiC	30.1	51	-0.160	1.000	51-0639	+	X	29
3	<input type="checkbox"/> Silicon Carbide - SiC	32.8	51	-0.160	1.000	49-1431	+	X	25
4	<input type="checkbox"/> Silicon Carbide - SiC	36.3	25	-0.140	1.000	49-1428	+	X	8
5	<input type="checkbox"/> Silicon Carbide - SiC	37.2	81	-0.180	1.000	49-1430	+	X	20
6	<input type="checkbox"/> ErFe2SiC - Erbium Iron Silicon Carbide	109.9	<1	0.000	1.000	47-1095	?	V	23
7	<input type="checkbox"/> HoFe2SiC - Holmium Iron Silicon Carbide	109.9	<1	0.000	1.000	47-1094	?	V	26
8	<input type="checkbox"/> TbFe2SiC - Iron Terbium Silicon Carbide	109.9	<1	0.000	1.000	47-1093	?	V	22
9	<input type="checkbox"/> DyFe2SiC - Dysprosium Iron Silicon Carbide	109.9	<1	0.000	1.000	47-1092	?	V	26
10	<input type="checkbox"/> GdFe2SiC - Gadolinium Iron Silicon Carbide	109.9	<1	0.000	1.000	47-1091	?	V	20
11	<input type="checkbox"/> SmFe2SiC - Iron Samarium Silicon Carbide	109.9	<1	0.000	1.000	47-1090	?	V	20
12	<input type="checkbox"/> YFe2SiC - Iron Silicon Yttrium Carbide	109.9	<1	0.000	1.000	47-1089	+	V	20
13	<input type="checkbox"/> Carbon Molybdenum Silicon - Mo4.8Si3C0.6	109.9	<1	0.000	1.000	43-1199	+	X	32
14	<input type="checkbox"/> Carbon Iron Silicon - C0.12Fe0.79Si0.09	109.9	<1	0.000	1.000	43-1098	+	D	14
15	<input type="checkbox"/> Moissanite-5H - SiC	109.9	<1	0.000	1.000	42-1360	?	X	21
16	<input type="checkbox"/> Al4Si3C6 - Aluminum Silicon Carbide	109.9	<1	0.000	1.000	42-1172	+	V	20
17	<input type="checkbox"/> Al4Si4C7 - Aluminum Silicon Carbide	109.9	<1	0.000	1.000	42-1171	+	V	23
18	<input type="checkbox"/> Silicon Carbide - CSi	109.9	<1	0.000	1.000	42-1091		V	9
19	<input type="checkbox"/> Ti3SiC2 - Titanium Silicon Carbide	109.9	<1	0.000	1.000	40-1132	+	D	20
20	<input type="checkbox"/> Moissanite-15R, syn - SiC	109.9	<1	0.000	1.000	39-1196	+	C	21
21	<input type="checkbox"/> Yttrium Carbide Silicon - Y5Si3C	109.9	<1	0.000	1.000	38-0794	+	V	27
22	<input type="checkbox"/> Yttrium Carbide Silicon - Y5Si3C0.5	109.9	<1	0.000	1.000	38-0793	+	V	27
23	<input type="checkbox"/> Gadolinium Silicon Carbide - Gd5Si3C0.5	109.9	<1	0.000	1.000	37-0922	?	V	37
24	<input type="checkbox"/> Al8SiC7 - Aluminum Silicon Carbide	109.9	<1	0.000	1.000	35-1499	+	D	32
25	<input type="checkbox"/> Aluminum Silicon Carbide - Al4Si2C5	109.9	<1	0.000	1.000	35-1073		D	25
26	<input type="checkbox"/> Aluminum Silicon Carbide - Al4SiC4	109.9	<1	0.000	1.000	35-1072	+	D	24
27	<input type="checkbox"/> Mn5SiC - Manganese Silicon Carbide	109.9	<1	0.000	1.000	30-0827	+	C	49
28	<input type="checkbox"/> Moissanite-6H, syn - SiC	109.9	<1	0.000	1.000	29-1131	+	F	9
29	<input type="checkbox"/> Moissanite-2H, syn - SiC	109.9	<1	0.000	1.000	29-1130	?	X	11
30	<input type="checkbox"/> Moissanite-4H, syn - SiC	109.9	<1	0.000	1.000	29-1127	+	C	16
31	<input type="checkbox"/> Moissanite-2H, syn - SiC	109.9	<1	0.000	1.000	29-1126	+	C	10
32	<input type="checkbox"/> Mn22.6Si5.4C4 - Manganese Silicon Carbide	109.9	<1	0.000	1.000	29-0887	+	C	59
33	<input type="checkbox"/> Iron Silicon Carbide - FeSiC	109.9	<1	0.000	1.000	27-0253	?	X	38
34	<input type="checkbox"/> Mn22.6Si5.4C4 - Manganese Silicon Carbide	109.9	<1	0.000	1.000	26-1252	+	V	77
35	<input type="checkbox"/> Iron Silicon Carbide - Fe8Si2C	109.9	<1	0.000	1.000	26-0798		V	34
36	<input type="checkbox"/> Mn5SiC - Manganese Silicon Carbide	109.9	<1	0.000	1.000	23-1242		X	34
37	<input type="checkbox"/> Silicon Carbide - SiC	109.9	<1	0.000	1.000	22-1319		V	19
38	<input type="checkbox"/> Moissanite-4H, syn - SiC	109.9	<1	0.000	1.000	22-1317	+	F	10
39	<input type="checkbox"/> Moissanite-33R, syn - SiC	109.9	<1	0.000	1.000	22-1316		V	16
40	<input type="checkbox"/> B12(C,Si,B)3 - Boron Silicon Carbide	109.9	<1	0.000	1.000	19-0178		D	20

